

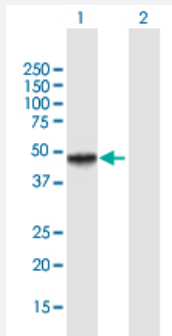
MaxPab®

# MICB MaxPab mouse polyclonal antibody (B01)

Catalog # H00004277-B01

Size 50 uL

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of MICB expression in transfected 293T cell line ([H00004277-T01](#)) by MICB MaxPab polyclonal antibody.

Lane 1: MICB transfected lysate(37.4 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Mouse polyclonal antibody raised against a full-length human MICB protein.                                                                                                                                                                                                                                                                                                 |
| Immunogen               | MICB (AAH44218.1, 1 a.a. ~ 340 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                             |
| Sequence                | MGLGRVLLFLAVAFPFAPPA AAAAEPHSLRYNLMVLSQDGSVQSGFLAEGHLDGQPFLRYDRQKR<br>RAKPQGQWAEDVLGAETWDTETEDLTENGQDLRRTLTHIKDQKGV PQSSRAQTLAMNVTNFWK<br>EDAMKTKTHYRAMQADCLQKLQRYLKSGVAIRRTVPPMVNVTCEVSEGNITVTCRASSFYPRNIT<br>LTWRQDGVSLSHNTQQWGDVLPDGNQTYQTWVATRIRQGEEQRFTCYMEHSGNHGTHPVP<br>SGKALVLQSQRTDFPYVSAAMPFCFV ILLCVPCKKKTSAAEGPELVSLQVLDQHPVGTGDHRDAAQL<br>GFQPLMSATGSTGSTE GA |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                      |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                    |
| Storage Buffer          | No additive                                                                                                                                                                                                                                                                                                                                                                |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                   |
| Note                    | For IHC and IF applications, antibody purification with Protein A will be needed prior to use.                                                                                                                                                                                                                                                                             |

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[Protocol Download](#)

## Gene Info — MICB

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">4277</a>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| GeneBank Accession# | <a href="#">BC044218.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                |
| Protein Accession#  | <a href="#">AAH44218.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Name           | MICB                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Alias          | PERB11.2                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description    | MHC class I polypeptide-related sequence B                                                                                                                                                                                                                                                                                                                                                                                                |
| Omim ID             | <a href="#">602436</a>                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Summary        | This gene encodes a heavily glycosylated protein which is a ligand for the NKG2D type II receptor. Binding of the ligand activates the cytolytic response of natural killer (NK) cells, CD8 alphabeta T cells, and gammadelta T cells which express the receptor. This protein is stress-induced and is similar to MHC class I molecules; however, it does not associate with beta-2-microglobulin or bind peptides. [provided by RefSeq] |
| Other Designations  | MHC class I chain-related protein B MHC class I mic-B antigen MHC class I molecule MHC class I-like molecule PERB11.2-IMX OTTHUMP00000029089 OTTHUMP00000035091 OTTHUMP00000035588 stress inducible class I homolog                                                                                                                                                                                                                       |

## Pathway

- [Natural killer cell mediated cytotoxicity](#)

## Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Cardiomyopathy](#)
- [Celiac Disease](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Cytomegalovirus Infections](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Herpesviridae Infections](#)
- [HIV Seropositivity](#)
- [Inflammatory Bowel Diseases](#)
- [Leprosy](#)
- [Lung Diseases](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Multiple Sclerosis](#)
- [Neuropsychological Tests](#)

- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Uterine Cervical Neoplasms](#)