

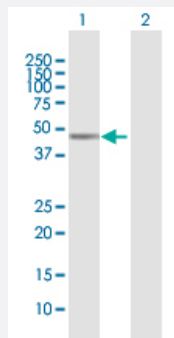
MaxPab®

MICB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004277-B01P

Size 50 ug

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	MGLGRVLLFLAVAFPFAPPAAPAAAAEPHSLRYNLMVLSQDGSVQSGFLAEGHLDGQPFLRYDRQKR RAKPQGQWAEDVLGAETWDTETEDLTENGQDLRRTLTHIKDQKGVPPQSSRAQTLAMNVTNFWK EDAMKTKTHYRAMQADCLQKLQRYLKSGVAIRRTVPPMVNVTVCSEVSEGNITVTCRASSFYPRNIT LTWRQDGVSLSHNTQQWGDVLPDGNQTYQTWVATRIRQGEEQRFTCYMEHSGNHGTHPVPSPGK ALVLQSQRTPFPYSAAMPFCFVILLCVPCKKKKTSAAEGPELVSLQVLDQHPVGTGDHRDAAQL GFQPLMSATGSTGSTEGA
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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.

[Protocol Download](#)

Gene Info — MICB

Entrez GeneID [4277](#)

GeneBank Accession# [BC044218.1](#)

Protein Accession# [AAH44218.1](#)

Gene Name MICB

Gene Alias PERB11.2

Gene Description MHC class I polypeptide-related sequence B

Omim ID [602436](#)

Gene Ontology [Hyperlink](#)

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](#)