

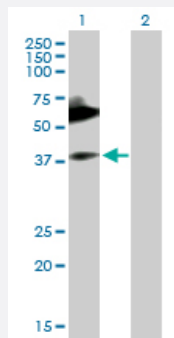
MaxPab®

MICA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004276-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MICA expression in transfected 293T cell line ([H00004276-T01](#)) by MICA MaxPab polyclonal antibody.

Lane 1: MICA transfected lysate(42.13 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MICA protein.
Immunogen	MICA (NP_000238.1, 1 a.a. ~ 383 a.a) full-length human protein.
Sequence	MGLGPVFLLLAGIFPFAPPGAAAEPHSLRYNLTVLSWDGSVQSGFLTEVHLDGQPFLRCDRQKC RAKPQGQWAEDVLGNKTWDRETRDLTGNGKDLRMTLAHIKDQKEGLHSLQEIRVCEIHEDNSTR SSQHFYYDGELFLSQNLETKEWTMPQSSRAQTLAMNVRNFLKEDAMKTKTHYHAMHADCLQEL RRYLKSGVVLRRTPPMVNVTRSEASEGNITVTCRASGFYPWNITLSWRQDGVSLSHDTQQWGD VLPDNGNTYQTWVATRICQGEEQRFTCYMEHSGNHSTHPVPSGKVLVLQSHWQTFHVSAAAA AIFVIIIIFYRCCKKKTSAAEGPELVSLQVLDQHPVGTSDHRDATQLGFQPLMSDLGSTGSTEGA
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

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[Protocol Download](#)

Gene Info — MICA

Entrez GeneID [4276](#)

GeneBank Accession# [NM_000247.1](#)

Protein Accession# [NP_000238.1](#)

Gene Name MICA

Gene Alias FLJ60820, MGC111087, PERB11.1

Gene Description MHC class I polypeptide-related sequence A

Omim ID [600169](#)

Gene Ontology [Hyperlink](#)

Gene Summary MICA encodes the highly polymorphic MHC (HLA) class I chain-related gene A. The protein product is expressed on the cell surface, although unlike canonical class I molecules does not seem to associate with beta-2-microglobulin. It is thought that MICA functions as a stress-induced antigen that is broadly recognized by intestinal epithelial gamma delta T cells. [provided by RefSeq]

Other Designations HLA class I antigen|MHC class I chain-related gene A protein|MHC class I chain-related protein A|OTTHUMP00000029088|OTTHUMP00000035033|OTTHUMP00000035034|Stress inducible class I homolog

Pathway

- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Abortion](#)
- [Addison Disease](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Amyloidosis](#)
- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Autoimmune polyglandular syndrome](#)
- [Behcet Syndrome](#)
- [Bile Duct Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Brucellosis](#)
- [Carcinoma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chlamydia Infections](#)
- [Cholangiocarcinoma](#)
- [Cholangitis](#)
- [Cholelithiasis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Crohn Disease](#)
- [Cytomegalovirus Infections](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Edema](#)
- [Eye Infections](#)
- [Fallopian Tube Diseases](#)
- [Familial Mediterranean fever](#)
- [Flaviviridae Infections](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hepatitis C](#)
- [Histoplasmosis](#)
- [HIV Infections](#)
- [Idiopathic Pulmonary Fibrosis](#)
- [Infertility](#)
- [Inflammatory Bowel Diseases](#)
- [Leprosy](#)
- [Leukemia](#)
- [Lung Diseases](#)
- [Lupus Erythematosus](#)

- [Malignant melanoma](#)
- [Melanoma](#)
- [Mixed Connective Tissue Disease](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Mycobacterium avium-intracellulare Infection](#)
- [Nasopharyngeal Neoplasms](#)
- [Nutrition Disorders](#)
- [Obesity](#)
- [Oral Submucous Fibrosis](#)
- [Papillomavirus Infections](#)
- [Peripheral Vascular Diseases](#)
- [Polyendocrinopathies](#)
- [Psoriasis](#)
- [Purpura](#)
- [Retinal Diseases](#)
- [Skin Neoplasms](#)
- [Spondylarthropathies](#)
- [Spondylitis](#)
- [Stomach Neoplasms](#)
- [Syndrome](#)
- [Temporal Arteritis](#)
- [Thyroiditis](#)
- [Tumor Virus Infections](#)
- [Uterine Cervical Neoplasms](#)
- [Uveal Neoplasms](#)