Rabbit anti-Human MICA Polyclonal Antibody | anti-MICA antibody

MICA Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28710	**Rabbit**	**Human**	**Western Blot, ELISA, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

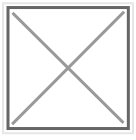
PRODUCT SYNONYMS

MICA; Polyclonal Antibody; MICA Antibody (Center); MHC class I polypeptide-related sequence A; MIC-A; MICA {ECO:0000312|EMBL:CAI419071}; anti-MICA antibody

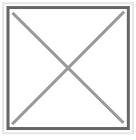
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MICA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-97 amino acids from the Central region of human MICA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	68-97
Sequence Length	383
Applicable Applications for anti-MICA antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Application Notes	WB~~1:1000
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

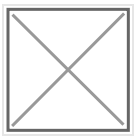
IMAGES



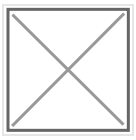
WB (Western Blot)
Flow cytometric analysis of SK-BR-3 cells using MICA Antibody (Center) (green) compared to an isotype control of rabbit IgG(blue). AAA28710 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



WB (Western Blot)
Anti-MICA Antibody (Center)at 1:1000 dilution + Hela whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
All lanes : Anti-MICA Antibody (Center) at 1:2000 dilutionLane 1: Jurkat whole cell lysatesLane 2: Daudi whole cell lysatesLane 3: A431 whole cell lysatesLane 4: MCF-7 whole cell lysatesLane 5: U-87MG whole cell lysatesLane 6: THP-1 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
Anti-MICA Antibody (Center)at 1:2000 dilution + A431 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
All lanes : Anti-MICA Antibody (Center) at 1:2000 dilutionLane 1: U-87 MG whole cell lysatesLane 2: A431 whole cell lysatesLane 3: Jurkat whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
Anti-MICA Antibody (Center)at 1:2000 dilution + U-87 MG whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-MICA antibody	MICA is the higly 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.
Product Categories/Family for anti-MICA antibody	Immunology
References	Bahram,S., et.al., Proc. Natl. Acad. Sci. U.S.A. 91 (14), 6259-6263 (1994) Klein,J.et.al., Proc. Natl. Acad. Sci. U.S.A. 91 (14), 6251-6252 (1994) Parham,P., et.al., J. Immunol. 142 (11), 3937-3950 (1989)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557751
NCBI GeneID	100507436
NCBI Accession #	NP_000238.1
NCBI GenBank Nucleotide #	NM_000247.2
UniProt Accession #	Q29983; O60917; O60918; O60919; O60920; O60933; O77956; O78150; A8KQR0; A9LRW5; A9QVE0; B1VJF1
Molecular Weight	42915
NCBI Official Full Name	MHC class I polypeptide-related sequence A isoform 1 (MICA*001)
NCBI Official Synonym Full Names	MHC class I polypeptide-related sequence A
NCBI Official Symbol	MICA
NCBI Official Synonym Symbols	MIC-A; PERB11.1
NCBI Protein Information	MHC class I polypeptide-related sequence A
UniProt Protein Name	MHC class I polypeptide-related sequence A
UniProt Gene Name	**MICA**
UniProt Synonym Gene Names	MIC-A
UniProt Entry Name	MICA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/mica-antibody-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/28710