

Rabbit anti-Human ITM2A Polyclonal Antibody | anti-ITM2A antibody

ITM2A Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284673	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

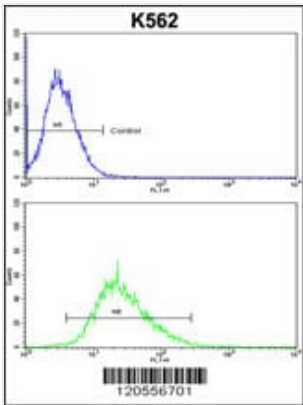
PRODUCT SYNONYMS

ITM2A; Polyclonal Antibody; ITM2A Antibody (N-term); Integral membrane protein 2A; Protein E25; anti-ITM2A antibody

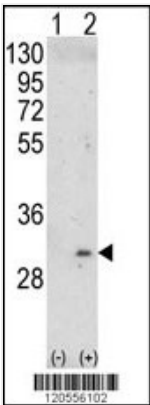
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ITM2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-49 amino acids from the N-terminal region of human ITM2A.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	22-49
Sequence Length	219
Applicable Applications for anti-ITM2A antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

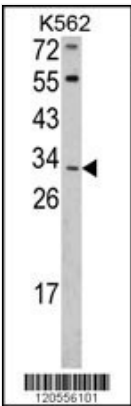
IMAGES



FCM/FACS (Flow Cytometry)
ITM2A Antibody (N-term) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ITM2A (arrow) using rabbit polyclonal ITM2A Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ITM2A gene (Lane 2).



WB (Western Blot)
Western blot analysis of ITM2A Antibody (N-term) in K562 cell line lysates (35ug/lane). ITM2A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ITM2A antibody	ITM2A is induced during thymocyte selection and T cell activation and causes downregulation of CD8 when overexpressed in CD4(+)CD8(+) double positive thymocytes.
Product Categories/Family for anti-ITM2A antibody	Cell Biology; Signal transduction
References	Gudbjartsson,D.F., et.al., Nat. Genet. 40 (5), 609-615 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	284055248
NCBI GeneID	9452
NCBI Accession #	NP_001165052.1; NP_004858.1
NCBI GenBank Nucleotide #	NM_001171581.1
UniProt Accession #	O43736; Q6IBC9; B2R7X5; B4E062
Molecular Weight	29741
NCBI Official Full Name	integral membrane protein 2A isoform 2

NCBI Official Synonym Full Names	integral membrane protein 2A
NCBI Official Symbol	ITM2A
NCBI Official Synonym Symbols	E25A; BRICD2A
NCBI Protein Information	integral membrane protein 2A
UniProt Protein Name	Integral membrane protein 2A
UniProt Gene Name	ITM2A
UniProt Entry Name	ITM2A_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/itm2a-antibody-flow-cytometry-western-blot-elisa/284673>