

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

MRAP Antibody (N-term)

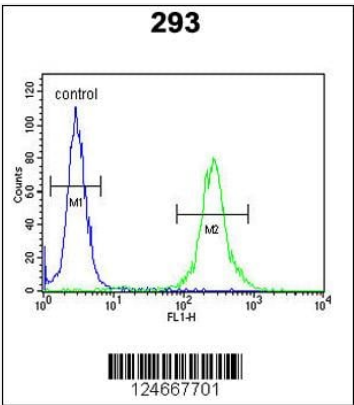
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286125	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

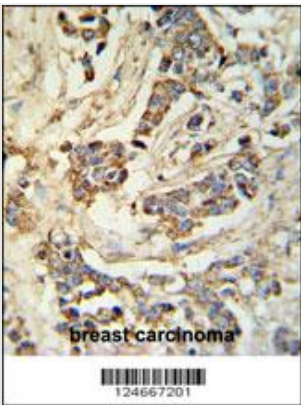
MRAP; Polyclonal Antibody; MRAP Antibody (N-term); Melanocortin-2 receptor accessory protein; B27; Fat cell-specific low molecular weight protein; Fat tissue-specific low MW protein; C21orf61; FALP; anti-MRAP antibody

PRODUCT SPECIFICATIONS

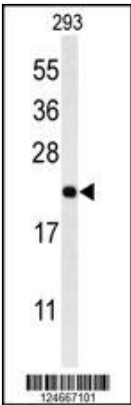
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MRAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-36 amino acids from the N-terminal region of human MRAP.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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: 0.5 (varies by lot)
Sequence Positions	7-36
Sequence Length	113
Applicable Applications for anti-MRAP antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), 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.



FCM/FACS (Flow Cytometry)
MRAP Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
MRAP Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MRAP Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MRAP Antibody (N-term) in 293 cell line lysates (35ug/lane). MRAP (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MRAP antibody	MRAP encodes a melanocortin receptor-interacting protein. The encoded protein regulates trafficking and function of the melanocortin 2 receptor in the adrenal gland. The encoded protein can also modulate signaling of other melanocortin receptors. Mutations in this gene have been associated with familial glucocorticoid deficiency type 2.
Product Categories/Family for anti-MRAP antibody	Cardiovascular; Metabolism; Signal transduction
References	Dias, R.P., et al. Eur. J. Endocrinol. 162(2):357-359(2010) Chan, L.F., et al. Proc. Natl. Acad. Sci. U.S.A. 106(15):6146-6151(2009) Webb, T.R., et al. Endocrinology 150(2):720-726(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	30520312
NCBI GeneID	56246
NCBI Accession #	NP_848932.1; NP_996781.1
NCBI GenBank Nucleotide #	NM_178817.3
UniProt Accession #	Q8TCY5; Q5EBR3; Q8TDB7; Q8WXC1; Q8WXC2

Molecular Weight	19136
NCBI Official Full Name	melanocortin-2 receptor accessory protein isoform alpha
NCBI Official Synonym Full Names	melanocortin 2 receptor accessory protein
NCBI Official Symbol	MRAP
NCBI Official Synonym Symbols	B27; FALP; FGD2; GCCD2; C21orf61
NCBI Protein Information	melanocortin-2 receptor accessory protein
UniProt Protein Name	Melanocortin-2 receptor accessory protein
UniProt Gene Name	MRAP
UniProt Synonym Gene Names	C21orf61; FALP
UniProt Entry Name	MRAP_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/mrap-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286125>