

Datasheet for ABIN653938
anti-MRAP antibody (N-Term)[Go to Product page](#)

3 Images

1 Publication

Overview

Quantity:	400 µL
Target:	MRAP
Binding Specificity:	AA 7-36, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRAP antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB24667
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MRAP
Alternative Name:	MRAP (MRAP Products)

Target Details

Background:	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.
Molecular Weight:	19136
Gene ID:	56246
NCBI Accession:	NP_848932 , NP_996781
UniProt:	Q8TCY5
Pathways:	Brown Fat Cell Differentiation

Application Details

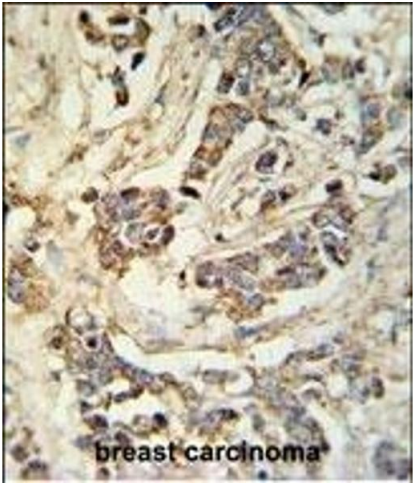
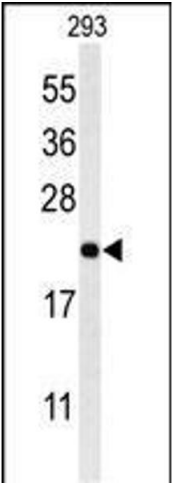
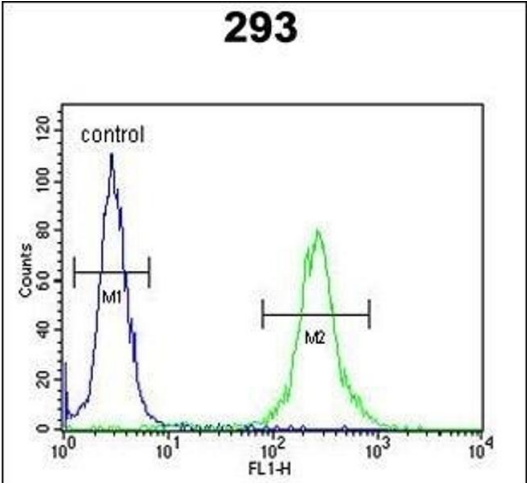
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Tian, Ding, You, Li, Liu, Wu, Sun, Xu: "Leiomodin-3-deficient mice display nemaline myopathy with fast-myofiber atrophy." in: Disease models & mechanisms , Vol. 8, Issue 6, pp. 635-41, (2015) (PubMed).
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Flow Cytometry

Image 1. MR Antibody (N-term) 9980a 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.

Western Blotting

Image 2. Western blot analysis of MR Antibody (N-term) 9980a in 293 cell line lysates (35 µg/lane). MR (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. MR Antibody (N-term) 9980a 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 MR Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.