

CD11B/Integrin alpha M Polyclonal ANTIBODY

Catalog Number: 20991-1-AP

11 Publications

Basic Information

Catalog Number:
20991-1-AP

Size:
81 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:

GenBank Accession Number:
NM_000632

GeneID (NCBI):
3684

Full Name:
integrin, alpha M (complement component 3 receptor 3 subunit)

Calculated MW:
93 kDa

Observed MW:
110-170 kDa

Recommended Dilutions:

Applications

Tested Applications:
ELISA

Cited Applications:
IF, IHC, WB

Species Specificity:
human

Cited Species:
human

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

Background Information

ITGAM, also named as CD11B and CR3A, belongs to the integrin alpha chain family. ITGAM is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. It is identical with CR-3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the R-G-D peptide in C3b. ITGAM is also a receptor for fibrinogen, factor X and ICAM1. It recognizes P1 and P2 peptides of fibrinogen gamma chain. The antibody is specific to ITGAM.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiong Zhang	29857126	Cancer Lett	IHC
Yilong Dong	28523372	Eur J Nutr	WB
Ying Wang	29751031	Brain Res Bull	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data