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Datasheet

ITGAM monoclonal antibody, clone RM290

Catalog Number: MAB16920

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human ITGAM.

Clone Name: RM290

Immunogen: Original antibody is raised against a synthetic peptide corresponding to C-terminus of human ITGAM.

Antibody Species: Rabbit

Reactivity: Human

Applications: IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: This antibody reacts to human CD11b (Integrin alpha-M).

Form: Liquid

Purification: Protein A purification

Isotype: IgG

Recommend Usage: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-200)
Western Blot (1:200-500)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3684

Gene Symbol: ITGAM

Gene Alias: CD11B, CR3A, MAC-1, MAC1A, MGC117044, MO1A, SLEB6

Gene Summary: This gene encodes the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]