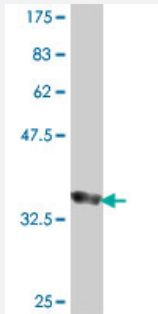


ITGAM polyclonal antibody (A01)

Catalog # H00003684-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ITGAM.
Immunogen	ITGAM (NP_000623, 111 a.a. ~ 220 a.a) partial recombinant protein with GST tag.
Sequence	QTCSENTYVKGLCFLFGSNLRQQPQKFPEALRGCPQEDSDIAFLIDGSGSIIPHDFRRMKEFVSTV MEQLKKSKTLFSLMQYSEEFRIHFTFKEFQNNPNPRSLVKPITQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (73)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ITGAM

Entrez GeneID [3684](#)

GeneBank Accession# [NM_000632](#)

Protein Accession# [NP_000623](#)

Gene Name ITGAM

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

Gene Description integrin, alpha M (complement component 3 receptor 3 subunit)

Omim ID [120980](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations antigen CD11b (p170)|complement component receptor 3, alpha|integrin alpha M|macrophage antigen alpha polypeptide|neutrophil adherence receptor alpha-M subunit

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Macular Degeneration](#)
- [Nephritis](#)
- [Stomach Ulcer](#)