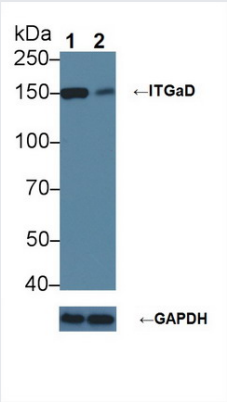
Integrin Alpha D (ITGaD) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Integrin Alpha D (ITGaD), Polyclonal Antibody
Full Product Name	FITC-Linked Polyclonal Antibody to Integrin Alpha D (ITGaD)
Product Gene Name	anti-ITGaD antibody
Product Synonym Names	CD11d; CD11-D; ITG-AD; ADB2; ITGA-D; CD11 antigen-like family member D; Leukointegrin alpha D
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse, Human, Rat
Concentration	500ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: ITGaD (MBS2015653) FITC Conjugated Antibody: ITGaD (MBS2040356)
Matching Pairs	FITC Conjugated Antibody: ITGaD (MBS2040356) Immunogen: ITGaD (MBS2018720)
Molecular Weight	126,600 Da
3D Structure	ModBase 3D Structure for Q9QYE7
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	ITGaD (Phe886~Glu1106)
Conjugation	FITC
Cross Reactivity	Human, Mouse
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2015653
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-ITGaD antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-ITGaD antibody	MBS2040356 is an antibody targeting ITGaD. Also known as FITC-Linked Polyclonal Antibody to Integrin Alpha D (ITGaD). Reactive in Mouse, Human, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-ITGaD antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Knockout Validation of anti-ITGaD antibody
Knockout Validation: Lane 1: Wild-type 293T cell lysate; Lane 2: ITGaD knockout 293T cell lysate; Predicted MW: 128kDa Observed MW: 150kDa Primary Ab: 1ug/ml Rabbit Anti-Mouse ITGaD Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (#MBS2086047)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ITGaD. It may not necessarily be applicable to this product.

NCBI GI #	13928960
NCBI GeneID	64350
NCBI Accession #	NP_113879.1
UniProt Primary Accession #	Q9QYE7
UniProt Related Accession #	Q9QYE7
GenBank Nucleotide #	NM_031691.1
NCBI Official Full Name	integrin alpha-D
NCBI Official Synonym Full Names	integrin subunit alpha D
NCBI Official Symbol	Itgad
NCBI Official Synonym Symbols	Itgax
UniProt Protein Name	Integrin alpha-D
UniProt Synonym Protein Names	CD_antigen: CD11d
Protein Family	Integrin
UniProt Gene Name	Itgad
UniProt Synonym Gene Names	Itgax
NCBI Protein Information	integrin alpha-D
NCBI Summary for ITGaD	human homolog is the alpha X chain of integrin; interacts with beta 2 chain (ITGB2) to form a leukocyte-specific integrin [RGD, Feb 2006]
UniProt Comments for ITGaD	Integrin alpha-D/beta-2 is a receptor for ICAM3 and VCAM1. May play a role in the atherosclerotic process such as clearing lipoproteins from plaques and in phagocytosis of blood-borne pathogens, particulate matter, and senescent erythrocytes from the blood ().
Research Articles on ITGaD	**1.** Recovery from Antiglomerular Basement Membrane Glomerulonephritis Is Associated with Glomeruli-Infiltrating CD8alpha+CD11c+MHC Class II+ Cells

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