

Product Data Sheet

Recombinant Human CD11b Protein

Catalog #	Source	Reactivity	Applications
CST2343	E. coli	H	
Description	Recombinant Human CD11b Protein is produced by E. coli expression system and the target gene encoding Arg131-Met350 is expressed with N-terminus SUMO & C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	ITGAM		
Alternative Names	CD11B; CR3A; Integrin alpha-M; CD11 antigen-like family member B; CR-3 alpha chain; Cell surface glycoprotein MAC-1 subunit alpha; Leukocyte adhesion receptor MO1; Neutrophil adherence receptor; CD11b		
Entrez Gene	3684		
SwissProt	P11215		
Purity			
Chemical Structure	RQQPQKFPEA LRGCPQEDSD IAFLIDGSGS IIPHDFRRMK EFVSTVMEQL KKSCTLFSLM QYSEEFRIHF TFKEFQNNPN PRSLVKPITQ LLGRTHATG IRKVVRELFN ITNGARKNAF KILVVITDGE KFGDPLGYED VIPEADREGV IRYVIGVGDA FRSEKSRQEL NTIASKPPRD HVFQVNNFEA LKTIQNQLRE KIFAIEGTQT GSSSSFHEHM		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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