10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD11c ITGAX Rabbit Monoclonal Antibody

Catalog # ABO13603

Product Information

Application	WB, IHC, IF, ICC, IP
Primary Accession	P20702
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-CD11c ITGAX Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human.

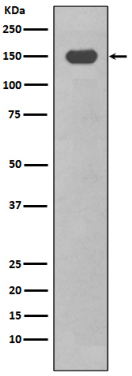
Additional Information

Gene ID	3687
Other Names	Integrin alpha-X, CD11 antigen-like family member C, Leu M5, Leukocyte adhesion glycoprotein p150, 95 alpha chain, Leukocyte adhesion receptor p150, 95, CD11c, ITGAX, CD11C
Calculated MW	127829
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50
Subcellular Localization	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Predominantly expressed in monocytes and granulocytes.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: BCE-9
Immunogen	A synthesized peptide derived from human CD11c
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

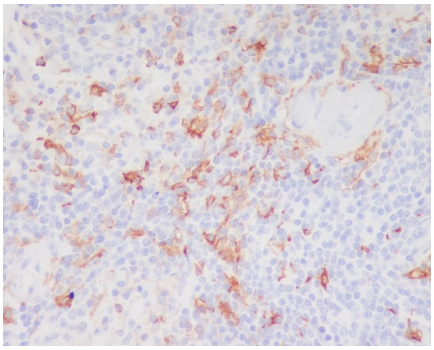
Protein Information

Name	ITGAX (HGNC:6152)
Synonyms	CD11C
Function	Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis. Functions as a receptor of the erythrocyte-specific adhesion molecule ICAM4 and mediates erythrophagocytosis (PubMed:16985175).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Predominantly expressed in monocytes and granulocytes

Images



Western blot analysis of CD11c expression in THP-1 cell lysate treated with TPA.



Immunohistochemical analysis of paraffin-embedded human spleen, using CD11c Antibody.