

Rabbit anti-Human CD11c Polyclonal Antibody | anti-CD11c antibody

CD11c Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327241	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

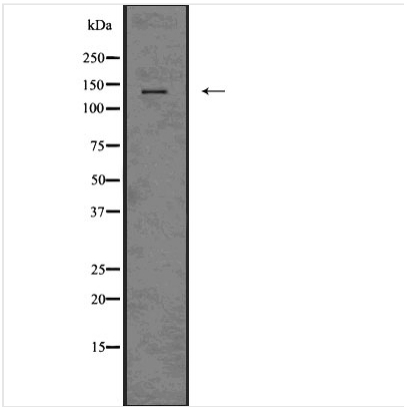
PRODUCT SYNONYMS

CD11c; Polyclonal Antibody; CD11c Antibody; 95 alpha chain; 95; CD 11c; CD11 antigen like family member C; CD11 antigen-like family member C; CD11c antigen; Complement component 3 receptor 4 subunit; CR4; Integrin alpha X; Integrin alpha X chain; Integrin alpha-X; Integrin aX; Integrin subunit alpha X; integrin; alpha X (antigen CD11C (p150); alpha polypeptide); alpha X (complement component 3 receptor 4 subunit; ITAX_HUMAN; ITGAX; LEU M5 alpha subunit; Leu M5; Leukocyte adhesion glycoprotein p150 95 alpha chain; Leukocyte adhesion glycoprotein p150; Leukocyte adhesion receptor p150 95; Leukocyte adhesion receptor p150; Leukocyte surface antigen p150 95 alpha subunit; Leukocyte surface antigen p150 alpha subunit; Myeloid membrane antigen alpha subunit; p150 95 integrin alpha chain; p150; p150/95; SLEB6; anti-CD11c antibody

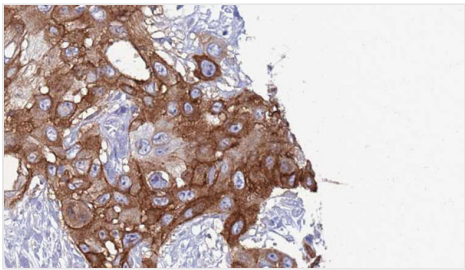
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CD11c antibody detects endogenous levels of total CD11c
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1163
Applicable Applications for anti-CD11c antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD11c
Subcellular Location	Membrane.
Tissue Specificity	Predominantly expressed in monocytes and granulocytes.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog
Similarity	Pig (91%), Bovine (91%), Horse (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis CD11c using HeLa whole cell lysates



IHC (Immunohistochemistry)
AAA327241 at 1/100 staining Human Head and neck cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CD11c antibody	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. Subunit Structure: Heterodimer of an alpha and a beta subunit. Alpha-X associates with beta-2. Similarity: The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage. Belongs to the integrin alpha chain family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34452173
NCBI GeneID	3687
NCBI Accession #	NP_000878.2
NCBI GenBank Nucleotide #	NM_000887.4
UniProt Accession #	P20702; Q8IVA6
Molecular Weight	Observed: 128 kDa Predicted: 128 kDa
NCBI Official Full Name	integrin alpha-X isoform 2
NCBI Official Synonym Full Names	integrin subunit alpha X
NCBI Official Symbol	ITGAX
NCBI Official Synonym Symbols	CD11C; SLEB6
NCBI Protein Information	integrin alpha-X
UniProt Protein Name	Integrin alpha-X
UniProt Gene Name	ITGAX
UniProt Synonym Gene Names	CD11C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.