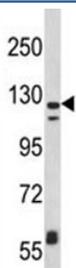


CD11c Antibody / ITGAX (F50002)

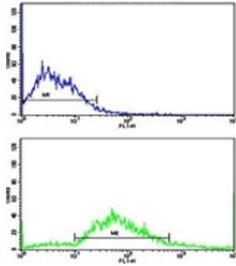
Catalog No.	Formulation	Size
F50002-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50002-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

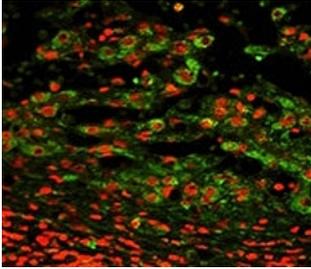
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P20702
Localization	Cell surface, cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This CD11c antibody is available for research use only.



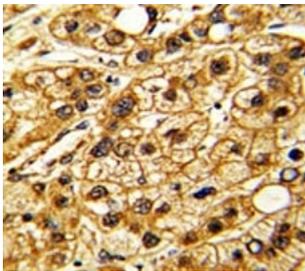
Western blot analysis of CD11c antibody and MDA-MB231 lysate. Predicted molecular weight: 128~150 kDa.



Flow cytometric analysis of SK-Br-3 cells using CD11c antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Immunofluorescence analysis of CD11c antibody with paraffin-embedded human hepatocarcinoma. Primary Ab was followed by FITC-conjugated goat anti-rabbit IgG. FITC emits green fluorescence. Red counterstaining is PI.



IHC analysis of FFPE human hepatocarcinoma stained with CD11c antibody

Description

ITGAX is the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles.

Application Notes

Titration of the CD11c antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1119-1145 from the human protein was used as the immunogen for this CD11c antibody.

Storage

Aliquot the CD11c antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

