

Product datasheet for **AM50207PU-S**

CD11c (ITGAX) Mouse Monoclonal Antibody [Clone ID: HC1/1]

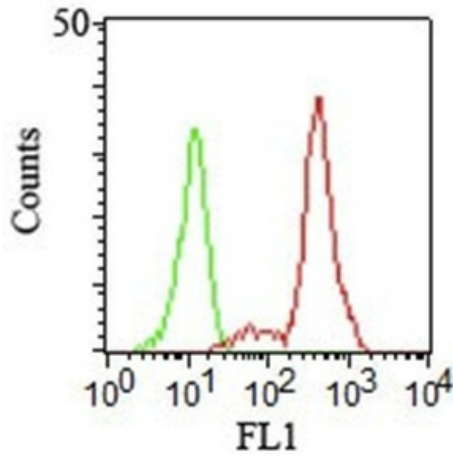
Product data:

Product Type:	Primary Antibodies
Clone Name:	HC1/1
Applications:	FC, IF, IHC, IP
Recommended Dilution:	ELISA: Use BSA free Antibody for coating. Functional Studies: Use Antibody without BSA and Azide. Flow Cytometry: 0.5-1 µg/million cells. Immunofluorescence: 0.5-1 µg/ml. Immunoprecipitation: 0.5-1 µg/500 µg protein lysate. Immunohistochemistry on Frozen Sections: 0.5-1.0 µg/ml for 30 minutes at RT. Positive Control: Human dendritic cells. Human lymph nodes and tonsils.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human monocytic U937 phorbol ester-treated cells.
Specificity:	CD11c, also known as Integrin, alpha X (complement component 3 receptor 4 subunit) (ITGAX), is a type I transmembrane protein found at high levels on most human dendritic cells, but also on monocytes, macrophages, neutrophils, and some B cells that induces cellular activation and helps trigger neutrophil respiratory burst; expressed in hairy cell leukemias, acute non-lymphocytic leukemias, and some B-cell chronic lymphocytic leukemias. Cellular Localization: Cell surface.
Formulation:	10mM PBS State: Purified State: Liquid purified IgG fraction from Bioreactor Concentrate Stabilizer: 0.05% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A/G Chromatography
Conjugation:	Unconjugated



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Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	145 kDa
Gene Name:	integrin subunit alpha X
Database Link:	Entrez Gene 3687 Human P20702
Synonyms:	ITGAX, Integrin alpha-X, Leu M5

Product images:

FCM staining of Human PBMCs using CD11c Antibody (Clone HC1/1).