

ITGAX

Armenian Hamster Anti-Mouse Integrin alpha X mAb

Catalog No.	CMC419	Quantity:	200 µg
Alternate Names:	Integrin AX, CD11c, SLEB6, Cr4		
Gene ID:	16411		
Description:	Armenian Hamster Anti-Mouse ITGAX monoclonal antibody. 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. It is expressed in hairy cell leukemias, acute nonlymphocytic leukemias, and some B-cell chronic lymphocytic leukemias.		
Specificity:	Recognizes mouse ITGAX		
Host:	Armenian Hamster		
Immunogen:	Mouse lymphocytes		
Isotype:	IgG		
Formulation:	Lyophilized from a 0.2 µm sterile filtered solution in PBS		
Purification:	Protein A/G affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add 400 µl sterile distilled water to the vial to fully solubilize the antibody to a concentration of 500 µg/ml.		
Applications:	Immunohistochemistry (Paraffin) Flow Cytometry Immunoprecipitation		
Application Notes:	For Immunohistochemistry (Paraffin), use a working dilution of 1:25-100. For Flow Cytometry, use a working dilution of 1:100-1000. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store lyophilized antibody at -80°C. Reconstituted antibody is stable for six months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

4% PFA fixed and paraffin embedded mouse spleen tissue section was subjected to IHC staining of mouse ITGAX using Cat. No. CMC419



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