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

Anti-CD181 Antibody

Catalog # AP59928

Product Information

Application	WB, IF/IC
Primary Accession	P25024
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39791

Additional Information

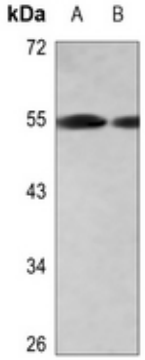
Gene ID	3577
Other Names	CMKAR1; IL8RA; C-X-C chemokine receptor type 1; CXC-R1; CXCR-1; CDw128a; High affinity interleukin-8 receptor A; IL-8R A; IL-8 receptor type 1; CD181
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD181. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

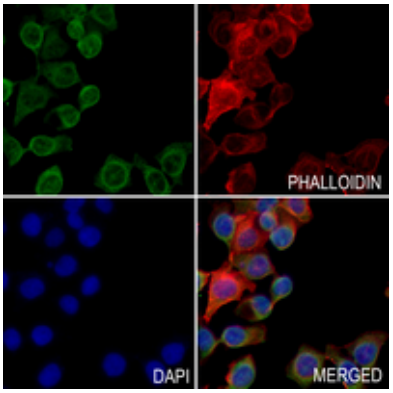
Name	CXCR1
Synonyms	CMKAR1, IL8RA
Function	Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor (PubMed:1840701). Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G- protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:8662698).
Cellular Location	Cell membrane; Multi-pass membrane protein.

Images

Western blot analysis of CD181 expression in HEK293T



(A), A549 (B) whole cell lysates. (Predicted band size: 39 kD; Observed band size: 55 kD)



Immunofluorescent analysis of CD181 staining in KYSE30 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.