

Datasheet for ABIN7266319

anti-CXCR4 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	CXCR4
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CXCR4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	CXCR4 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CXCR4
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CXCR4
Alternative Name:	CXCR4 (CXCR4 Products)
Name:	

Target Details

Background: This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells. Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],CD184,D2S201E,FB22,HM89,HSY3RR,LAP-3,LAP3,LCR1,LESTR,NPY3R,NPYR,NPYRL,NPYY3R,WHIM,WHIMS,CXCR4,Angiogenesis,Apoptosis,Cancer,Cardiovascular,Cancer Biology & Developmental Biology,Cell Intrinsic Innate Immunity Signaling Pathway,Endocrine & Metabolism,Endothelial Progenitors,ErbB-HER Signaling Pathway,G protein signaling,G protein signaling_G-Protein-Coupled Receptors(GPCR),Hematopoietic Progenitors,Immunology & Inflammation,Innate Immunity_Chemokines,Neural Stem Cells,Neuroscience,Signal Transduction,Stem Cells,CXCR4

Molecular Weight: 43kDa

Gene ID: 7852

UniProt: [P61073](#)

Pathways: [Regulation of Cell Size](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

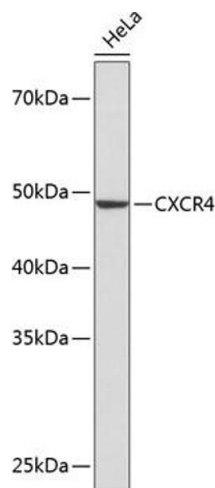
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of HeLa cells, using CXCR4 antibody (ABIN7266319) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.