

Datasheet for ABIN342739

anti-CXCR4 antibody (AA 17-42)



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1 Image

Overview

Quantity:	200 µg
Target:	CXCR4
Binding Specificity:	AA 17-42
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CXCR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide TEEMGSGDYDSMKEPCFREANANFNKC corresponding to N-terminal extracellular domain of human CXCR4 receptor. Percent identity by BLAST analysis: Human, Chimpanzee (100%), Gorilla, Orangutan, Gibbon, Siamang (96%), Macaque, Monkey, Titi monkey, Green monkey, Squirrel monkey, Baboon, Bat, Dog, Tamarin (88%), Marmoset, Mangabey, Sheep, Elephant, Panda, Bovine, Cat, Rabbit (85%), Porcine, Horse (81%). Type of Immunogen: Synthetic peptide
Specificity:	Peptide sequence is <50 % identical to other human chemokine receptors in this region. This antibody was not tested for cross-reactivity to mouse CXCR4.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Chimpanzee (100%) Gorilla, Orangutan, Gibbon, Siamang (96%) Macaque, Monkey, Titi monkey, Green monkey, Squirrel monkey, Baboon, Bat,

Product Details

Dog, Tamarin (88%) Marmoset, Mangabey, Sheep, Elephant, Panda, Bovine, Cat, Rabbit (85%)
Porcine, Horse (81%).

Purification: Immunoaffinity purified

Target Details

Target: CXCR4

Alternative Name: CXCR4 ([CXCR4 Products](#))

Background: Name/Gene ID: CXCR4
Subfamily: Chemokine
Family: GPCR

Synonyms: CXCR4, CD184, CD184 antigen, Cmkar4, Cxc chemokine receptor 4, CXCR-4, CXCR-4, D2S201E, FB22, Fusin, HM89, LCR1, NPY3R, NPYRL, NPY3R, Npyy3, HSY3RR, SDF-1 receptor, WHIM, C-x-c chemokine receptor 4, LESTR, Neuropeptide Y receptor Y3, NPYR

Gene ID: 7852

UniProt: [P61073](#)

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

Application Details

Application Notes: Approved: ELISA (1:25000), IHC, IHC-P (1:150), WB (1:250)

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Phosphate buffered saline, 1 mg/mL BSA, 0.1 % sodium azide

Preservative: Sodium azide

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

Handling

Handling Advice: Avoid freeze-thaw cycles.

Storage: -20 °C, -80 °C

Storage Comment: Short term: -20°C
Long term: -70°C
Avoid freeze-thaw cycles.

Images

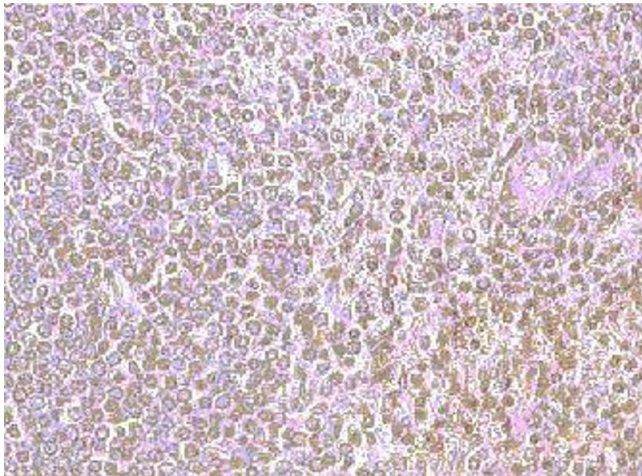


Image 1.