

Datasheet for ABIN335129

anti-CXCR4 antibody (Internal Region)



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Overview

Quantity:	100 µg
Target:	CXCR4
Binding Specificity:	Internal Region
Reactivity:	Zebrafish (Danio rerio)
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CXCR4 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Cxcr4b (zebrafish)
Immunogen:	Peptide with sequence CELTYPQEAN, from the internal region of the protein sequence according to NP_571909.1.
Sequence:	CELTYPQEAN
Isotype:	IgG
Specificity:	This antibody is not expected to cross-react with Cxcr4a.
Cross-Reactivity:	Zebrafish (Danio rerio)
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	CXCR4
Alternative Name:	cxcr4b
Background:	Cxcr4b, chemokine (C-X-C motif), receptor 4b , CXCR4, cb403, zgc:109863, ody, odysseus
NCBI Accession:	NP_571909
Pathways:	Regulation of Cell Size, CXCR4-mediated Signaling Events

Application Details

Application Notes:	Western Blot: Not yet tested. At this stage we are dependent on researchers in the field for further characterization of this product. Therefore we cannot recommend an optimal concentration and the product is investigative grade. We would appreciate any Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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 Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.