

Goat anti-Cxcr4b (zebrafish) Antibody

Item Number	dAP-1205
Target Molecule	Principle Name: Cxcr4b (zebrafish); Official Symbol: cxcr4b; All Names and Symbols: cxcr4b; chemokine (C-X-C motif), receptor 4b ; CXCR4; cb403; zgc:109863; ody; odysseus; Accession Number (s): NP_571909.1; Human Gene ID(s) : ; Non-Human GeneID(s):
Immunogen	CELTYPQEAN, is from internal region This antibody is not expected to cross-react with Cxcr4a.
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	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
IHC	
Reference	Reference(s): David NB, Sapede D, Saint-Etienne L, Thisse C, Thisse B, Dambly-Chaudiere C, Rosa FM, Ghysen A. Molecular basis of cell migration in the fish lateral line: role of the chemokine receptor CXCR4 and of its ligand, SDF1. Proc Natl Acad Sci U S A. 2002 Dec 10;99(25):16297-302. Epub 2002 Nov

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**