
Product Datasheet

Cxcl12 Antibody (Biotin) (orb1671430)

Evolution Bioreagents.

Cxcl12 Antibody (Biotin)

Description	Cxcl12 Antibody (Biotin)
Species/Host	Rabbit
Reactivity	Rat
Conjugation	Biotin
Tested Applications	ELISA, WB
Immunogen	Produced from sera of rabbits immunized with highly pure recombinant Rat SDF-1 alpha. Anti-Rat SDF-1 alpha-specific antibody was purified by affinity chromatography and then biotinylated.
Target	Cxcl12
Form/Appearance	Lyophilized
Concentration	batch dependent
Storage	Antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.
Note	For research use only
Application notes	Sandwich ELISA: To detect Rat SDF-1 alpha by sandwich ELISA (using 100 µl/well), a concentration of 0.25 – 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Biorbyt’s Polyclonal Anti-Rat SDF-1 alpha as a capture antibody, allows the detection of at least 0.2 – 0.4 ng/well of recombinant Rat SDF-1 alpha. Western Blot To detect Rat SDF-1 alpha by Western Blot analysis, this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. When used in conjunction with compatible development reagents, the detection limit for recombinant Rat SDF-1 alpha is 1.5 – 3.0 ng/lane, under either reducing or non-reducing conditions.
Clonality	Polyclonal
Uniprot ID	Q9QZD1
NCBI	Q9QZD1
Expiration Date	12 months from date of receipt.