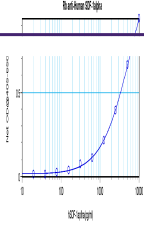
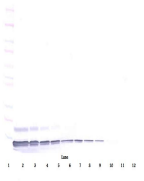
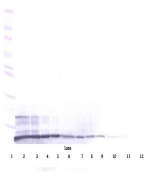

Product Datasheet

CXCL12 Antibody (orb1272316)

Description	CXCL12 Antibody	
Species/Host	Rabbit	
Reactivity	Human	
Conjugation	Unconjugated	
Tested Applications	ELISA, NeA, WB	To detect Human SDF-1-alpha by sandwich ...
Immunogen	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hSDF-1-alpha (human Stromal Cell-Derived Factor-1-alpha).	
Target	CXCL12	
Form/Appearance	Lyophilized	
Concentration	batch dependent	
Storage	SDF-1a 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.	To detect Human SDF-1-alpha by Western B...
Note	For research use only	
Clonality	Polyclonal	
Uniprot ID	P48061	
NCBI	P48061	
Dilution Range	Neutralization:To yield one-half maximal inhibition [ND50] of the biological activity of hSDF1α (100 ng/mL), a concentration of 2-4 μg/mL of this antibody is required.ELISA:To detect hSDF-1-alpha by direct ELISA (using 100 μL/well antibody solution) a concentration of at least 0.5 μg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant hSDF-1-alpha.Sandwich:To detect hSDF-1α by sandwich ELISA (using 100 μL/well antibody solution) a concentration of 0.5 - 2.0 μg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with our Biotinylated Anti-Human SDF-1αas a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hSDF-1α. Western Blot:To detect hSDF-1-alpha by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 μg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hSDF-1-alpha is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.	To detect Human SDF-1-alpha by Western B...