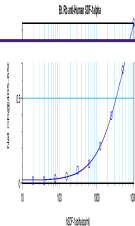
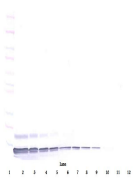
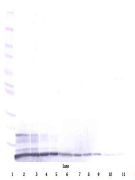


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## Product Datasheet

### CXCL12 Antibody (Biotin) (orb1272315)

<b>Description</b>	CXCL12 Antibody (Biotin)	
<b>Species/Host</b>	Rabbit	
<b>Reactivity</b>	Human	
<b>Conjugation</b>	Biotin	
<b>Tested Applications</b>	ELISA, WB	To detect Human SDF-1-alpha by sandwich ...
<b>Immunogen</b>	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hSDF-1- $\alpha$ (human SDF-1- $\alpha$ ).	
<b>Target</b>	CXCL12	
<b>Form/Appearance</b>	Lyophilized	
<b>Concentration</b>	batch dependent	
<b>Storage</b>	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...
<b>Note</b>	For research use only	
<b>Application notes</b>	ELISA: Sandwich: To detect hSDF-1 $\alpha$ by sandwich ELISA (using 100 $\mu$ L/well antibody solution) a concentration of 0.25 - 1.0 $\mu$ g/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our Polyclonal Anti-Human SDF-1 $\alpha$ (XP-5269) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hSDF-1 $\alpha$ . Western Blot: To detect hSDF-1- $\alpha$ by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 $\mu$ g/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...
<b>Clonality</b>	Polyclonal	
<b>Uniprot ID</b>	<a href="#">P48061</a>	
<b>NCBI</b>	<a href="#">P48061</a>	
<b>Dilution Range</b>	ELISA: Sandwich: To detect hSDF-1 $\alpha$ by sandwich ELISA (using 100 $\mu$ L/well antibody solution) a concentration of 0.25 - 1.0 $\mu$ g/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our Polyclonal Anti-Human SDF-1 $\alpha$ (XP-5269) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hSDF-1 $\alpha$ . Western Blot: To detect	