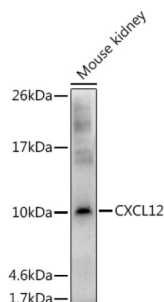
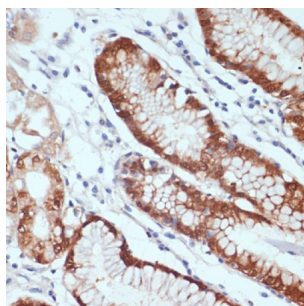


Stromal Cell-Derived Factor 1 / SDF1 (CXCL12) Antibody

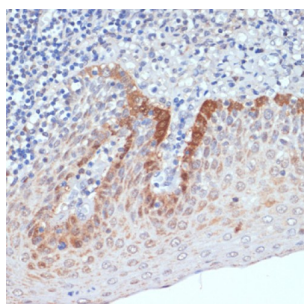
Catalogue No.: abx135717



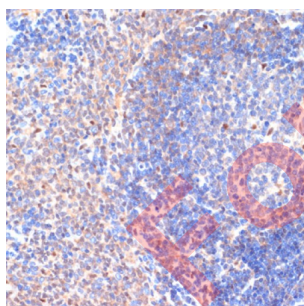
Western blot analysis of lysates from Mouse kidney, using CXCL12 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 180s.



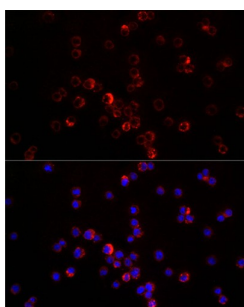
Immunohistochemistry analysis of paraffin-embedded Human stomach using CXCL12 Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using CXCL12 Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using CXCL12 Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of THP-1 cells using CXCL12 Antibody at dilution of 1/200. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

Datasheet

Version: 5.0.0
Revision date: 16 Sep 2025



CXCL12 Antibody is a Rabbit Polyclonal against CXCL12.

Target:	Stromal Cell-Derived Factor 1 / SDF1 (CXCL12)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IHC-P: 1/100 - 1/200, IF/ICC: 1/100 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthetic peptide corresponding to CXCL12. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P48061 (UniProt , ExPASy)
Gene Symbol:	CXCL12
GeneID:	6387
OMIM:	600835
NCBI Accession:	NP_000600.1
HGNC:	10672
KEGG:	hsa:6387
Ensembl:	ENSG00000107562
String:	9606.ENSP00000379140

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Molecular Weight: Calculated MW: 11 kDa
Observed MW: 11 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only