

Product datasheet for TA361158

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OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CX3CL1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human CX3CL1

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 43 kDa

Gene Name: C-X3-C motif chemokine ligand 1

Database Link: NP 002987.1

Entrez Gene 6376 Human

P78423





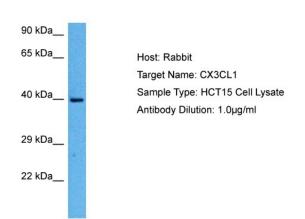
Background:

Acts as a ligand for both CX3CL1 and integrins. Binds to CX3CR1. Binds to integrins ITGAV:ITGB3 and ITGA4:ITGB1. Can activate integrins in both a CX3CR1-dependent and CX3CR1-independent manner. In the presence of CX3CR1, activates integrins by binding to the classical ligand-binding site (site 1) in integrins. In the absence of CX3CR1, binds to a second site (site 2) in integrins which is distinct from site 1 and enhances the binding of other integrin ligands to site 1. The soluble form is chemotactic for T-cells and monocytes and not for neutrophils. The membrane-bound form promotes adhesion of those leukocytes to endothelial cells. May play a role in regulating leukocyte adhesion and migration processes at the endothelium.

Synonyms:

ABCD-3; C3Xkine; CXC3; CXC3C; FKN; fractalkine; Neurotactin; NTN; NTT; SCYD1

Product images:



Host: Rabbit Target Name: CX3CL1

Sample Tissue: Human HCT15 Whole Cell lysates

Antibody Dilution: 1ug/ml