

ARG56674 anti-CXCL16 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CXCL16
Tested Reactivity	Hu
Tested Application	ELISA, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CXCL16
Species	Human
Immunogen	E.coli derived Recombinant Human CXCL16. (NEGSVTGSCY CGKRISDSP PSVQFMNRLR KHLRAYHRCL YYTRFQLLSW SVCGGNKDPW VQELMSCLDL KECGHAYSGI VAHQKLLP)
Conjugation	Un-conjugated
Alternate Names	Transmembrane chemokine CXCL16; CXCLG16; C-X-C motif chemokine 16; SRPSOX; Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein; SR-PSOX; Small-inducible cytokine B16

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG56784 as a detection antibody
	IHC-P	0.5 µg/ml
	WB	0.1 - 0.2 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

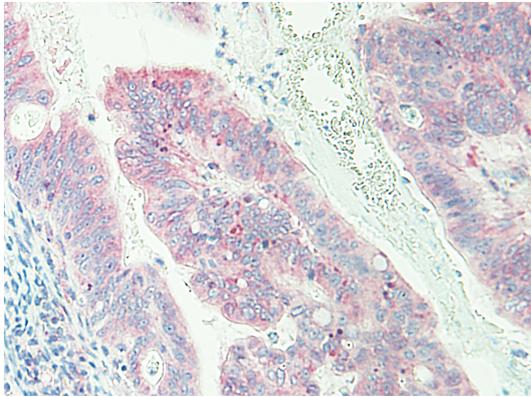
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

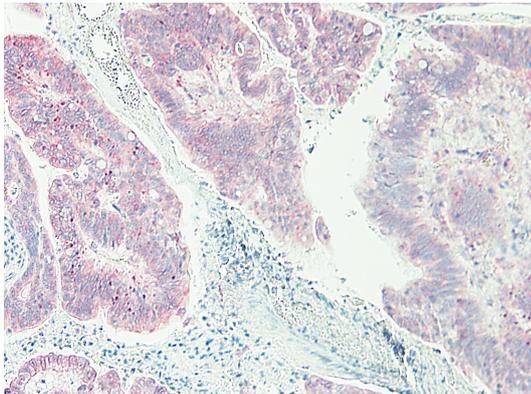
Database links	GeneID: 58191 Human Swiss-port # Q9H2A7 Human
Gene Symbol	CXCL16
Gene Full Name	chemokine (C-X-C motif) ligand 16
Function	Acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity). Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo. [UniProt]
Calculated Mw	28 kDa
PTM	Glycosylated.

Images



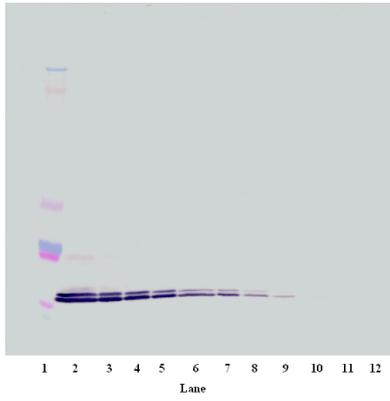
ARG56674 anti-CXCL16 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded sections of Human colorectal adenocarcinoma tissue. The recommended ARG56674 anti-CXCL16 antibody concentration is 0.5 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen.



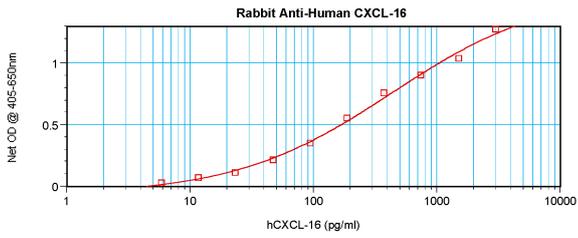
ARG56674 anti-CXCL16 antibody IHC-P image

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ARG56674 anti-CXCL16 antibody WB image

Western blot: 250 - 0.24 ng of Human CXCL16 stained with ARG56674 anti-CXCL16 antibody, under non-reducing conditions.



ARG56674 anti-CXCL16 antibody standard curve image

Sandwich ELISA: ARG56674 anti-CXCL16 antibody as a capture antibody at 0.5 - 2.0 µg/ml combined with ARG56784 anti-CXCL16 antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density.