

Rabbit anti-Human CXCR5/CD185 Polyclonal Antibody | anti-CXCR5/CD185 antibody

CXCR5/CD185 (Polyclonal)

CATALOG # AAA59365	HOST Rabbit	REACTIVITY Human
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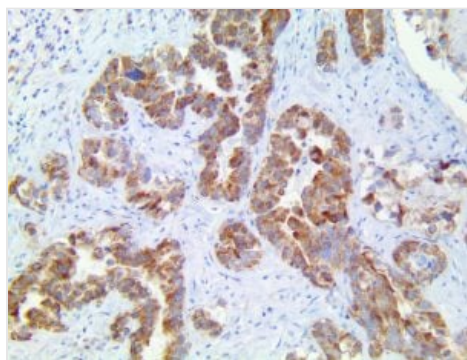
PRODUCT SYNONYMS

CXCR5/CD185; Polyclonal Antibody; CXCR5/CD185 (Polyclonal); cxcr5; anti-cxcr5; cd185; anti-cd185; g-protein coupled receptor; anti-g-protein; gpcr; anti-gpcr; anti-CXCR5/CD185 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Form/Format	Paraffin, Frozen CXCR5 is a rabbit polyclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	Recombinant human CXCR5 protein.
Control	Placenta, Brain, Lung, Transitional Cell Carcinoma, Testis, Ovarian Serous Carcinoma, Hepatocellular Carcinoma
Localization	Cytoplasmic, Membranous
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)

CXCR5 Antibody Immunohistochemistry on an FFPE Lung Adenocarcinoma Tissue

Antibody Type	Dilution	Volume/Qty
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:25-1:100	0.1 ml
Concentrated	1:25-1:100	0.5 ml
Concentrated	1:25-1:100	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CXCR5/CD185 antibody	The G-protein coupled receptor (GPCR) or C-X-C motif chemokine receptor 5, CXCR5, also known as or Burkitt lymphoma receptor 1 (BLR1), plays fundamental roles in inflammatory, infectious and immune responses. Current evidence also indicates that the CXCL13: CXCR5 axis orchestrates cell-cell interactions that regulate lymphocyte infiltration within the tumor microenvironment, thereby determining responsiveness to cytotoxic and immune-targeted therapies. CXCR5 is expressed in mature B-cells and Burkitt's lymphoma. This cytokine receptor binds to B-lymphocyte chemoattractant (BLC), and is involved in B-cell migration into B-cell follicles of spleen and Peyer patches. CXCR5 antibody is highly expressed in primary and secondary follicles within gastric lymphomas. non-small cell lung cancer (NSCLC) tissues express CXCR5, which correlates with stage/grade of the disease. Higher CXCR5 expression and migration by NSCLC cells suggest a role in migration and metastasis of primary lung tumors in response to CXCL13. These findings indicate that differential expression patterns of CXCR5 and CXCL13 in two subtypes (squamous cell carcinoma and adenocarcinoma) of NSCLC are associated with differences in their prognosis and survival. It has been proposed that CXCR5/CXCL13, either alone or in combination, could be used as a prognostic biomarker for lung cancer. Other studies have shown that CXCR5 overexpression in breast cancer patients highly correlates with lymph node metastases, and elevated CXCR5 antibody expression may contribute to abnormal cell survival and migration in breast tumors that lack functional p53 protein. Another study has indicated that prostate cancer tissue as well as cell lines express higher non-basal levels of CXCR5 and found a correlation between the level of CXCR5 and Gleason score. CXCR5 location was additionally considered and higher Gleason scores correlated with nuclear CXCR5 while cytoplasmic and membrane CXCR5 correlated with benign and early prostate cancers.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cxcr5-cd185-antibody-elisa/59365>