

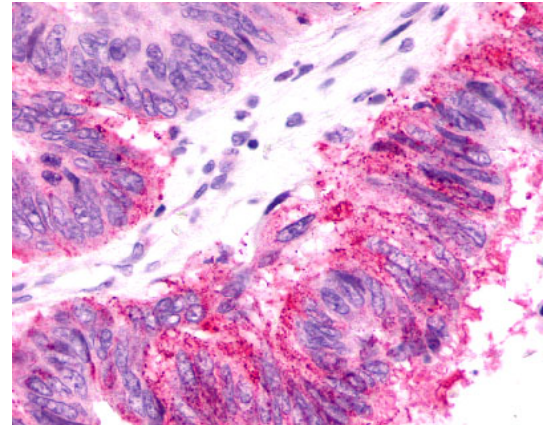
TA341018

Polyclonal Antibody to CD182 / IL8RB - Aff - Purified

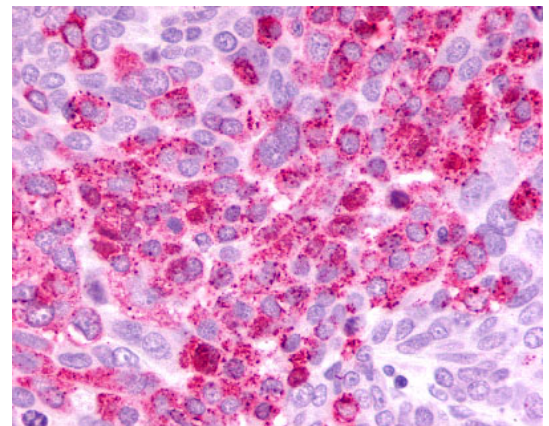
Alternate names:	CDw128b, CXCR-2, CXCR2, GRO/MGSA receptor, IL-8 receptor type 2, IL8 receptor beta
Quantity:	50 µg
Concentration:	1.0 mg/ml
Background:	The IL8RB is a Chemokine Receptor also known as type 1 interleukin-8 receptor. There are three interleukin-8 receptors on chromosome 2: IL8RA (type 2), IL8RB (type 1), and a pseudogene. Results from mouse knock-out studies suggest that IL8RB may inhibit the expansion and development of neutrophils and B cells. IL8RB is a high-affinity receptor for IL8, and for GROalpha, beta, and gamma. IL8RB has been reported to be expressed in a wide variety of tissues. ESTs have been isolated from human placenta and thymus libraries.
Uniprot ID:	P25025
NCBI:	NP_001161770.1
GeneID:	3579
Host:	Rabbit
Immunogen:	Synthetic peptide - KLH conjugated Epitope: 2nd extracellular domain of human Genename: IL8RB Remarks: The immunizing peptide shows 40 % identity (47 % similarity) with mouse and 40 % identity (47 % similarity) with rat.
Format:	State: Liquid Ig fraction Purification: Peptide immunogen affinity column Buffer System: PBS, pH 7.7, containing 0.01% sodium azide
Applications:	Immunohistochemistry with formalin fixed paraffin embedded tissues: 2-5 µg/ml Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0, at 99-100°C for 20 min. Remove from heat and let stand at room temperature in buffer for 20 min. Rinse in 1x TBS with Tween (TBST) for 1 min. at room temperature. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with Interleukin 8 Receptor B (family: GPCR, subfamily: Chemokine) Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

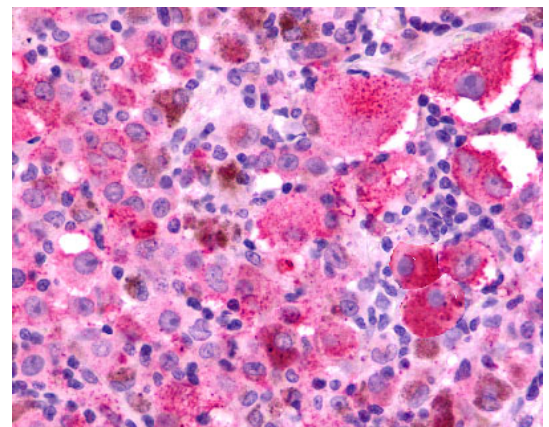
Anti-CXCR2 antibody IHC of human Colon, Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



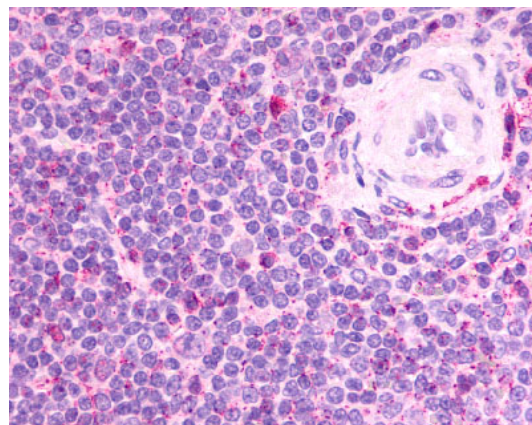
Anti-CXCR2 antibody IHC of human Ovary, Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



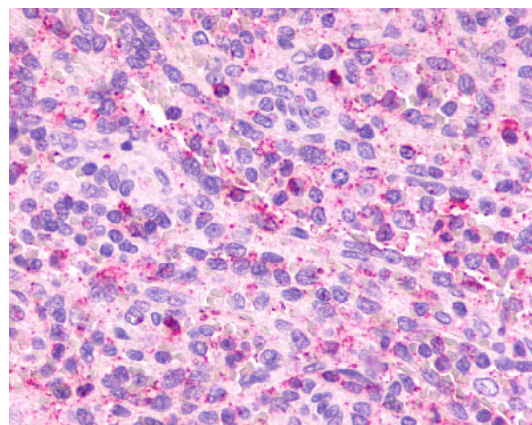
Anti-CXCR2 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Anti-CXCR2 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Anti-CXCR2 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Anti-CXCR2 antibody IHC of human synovium, rheumatoid arthritis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

