Datasheet for ABIN213589

anti-CX3CR1 antibody (Extracellular Domain)

3 Images

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Overview

Quantity:	50 µg
Target:	CX3CR1
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CX3CR1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 19 amino acid peptide from 3rd extracellular domain of human CX3CR1. Percent identity with other species by BLAST analysis: Human (100%), Gorilla, Gibbon, Monkey (95%), Marmoset, Mouse, Panda (84%). Type of Immunogen: Synthetic peptide
Specificity:	Human CX3CR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human (100%) Gorilla, Gibbon, Monkey (95%) Marmoset, Mouse, Panda (84%).
Purification:	Immunoaffinity purified

Target Details

Target:	CX3CR1
Alternative Name:	CX3CR1 (CX3CR1 Products)
Background:	Name/Gene ID: CX3CR1 Subfamily: Chemokine Family: GPCR Synonyms: CX3CR1, Beta chemokine receptor-like 1, C-X3-C CKR-1, Chemokine (C-X3-C) receptor 1, CMKBRL1, CMK-BRL-1, CMKDR1, CMK-BRL1, CX3C chemokine receptor 1, Fkn receptor, GPR13, GPRV28, Fractalkine receptor, G protein-coupled receptor v28, G-protein coupled receptor 13, V28, Chemokine c-x3-c receptor 1, G protein-coupled receptor 13
Gene ID:	1524
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Approved: IHC, IHC-P (5 - 10 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5-10 µ g/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

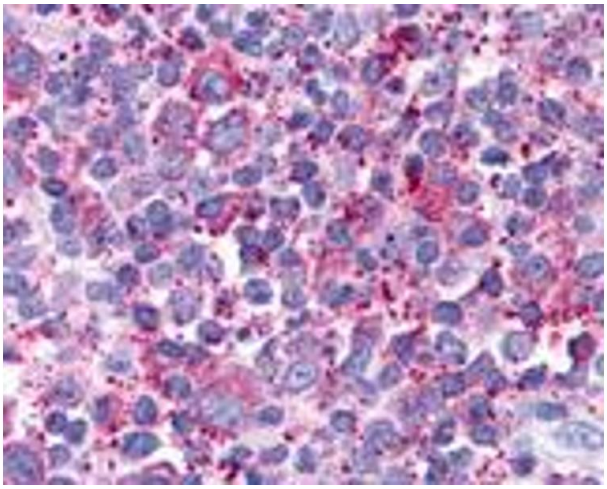
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide

Handling

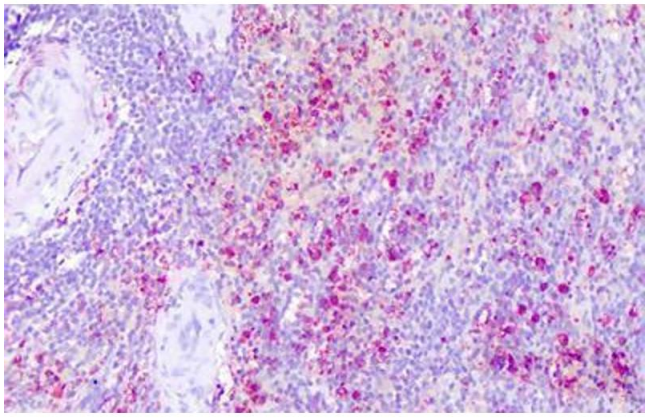
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



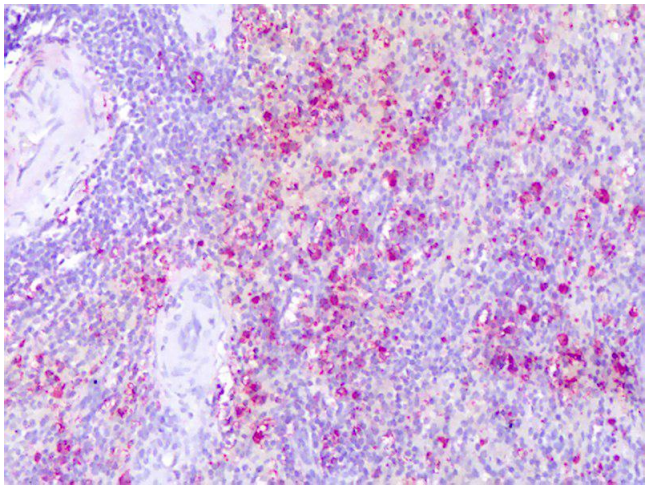
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Small Intestine (formalin-fixed, paraffin-embedded) stained with CX3CR1 antibody ABIN213589 at 3.8 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-CX3CR1 antibody ABIN213589 IHC staining of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunohistochemistry

Image 3. Anti-CX3CR1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

