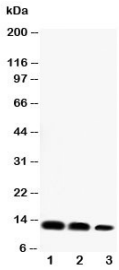
CXCL16 Antibody (R30532)

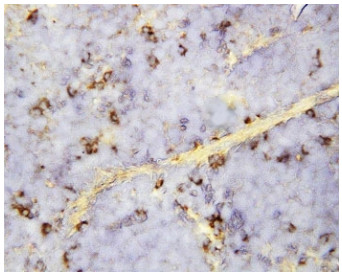
Catalog No.	Formulation	Size
R30532	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8BSU2
Localization	Cytoplasmic, nuclear
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This CXCL16 antibody is available for research use only.



Western blot testing of CXCL16 antibody and Lane 1: recombinant mouse protein 10ng; 2: 5ng; 3: 2.5ng



IHC-P: CXCL16 antibody testing of mouse spleen tissue

Description

CXCL16, Chemokine(C-X-C motif) ligand 16, is a small cytokine belonging to the CXC chemokine family. Larger than other chemokines(with 254 amino acids), CXCL16 is composed of a CXC chemokine domain, a mucin-like stalk, a transmembrane domain and a cytoplasmic tail containing a potential tyrosine phosphorylation site that may bind SH2. By somatic cell hybrid analysis, the CXCL16 gene is mapped to 17p13, a locus separate from all other known chemokines. Chemotaxis assays found that CXCL16 induced a strong chemotactic response in activated CD8 T cells. In addition, CXCL16 induced calcium mobilization.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CXCL16 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the middle region of mouse CXCL16 (HGKSFHHQKHLPQA) was used as the immunogen for this CXCL16 antibody.

Storage

After reconstitution, the CXCL16 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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