antibodies -online.com







anti-CX3CR1 antibody (Extracellular, N-Term)



Images



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	IV/E	۱/۱۲	$I \cap V$

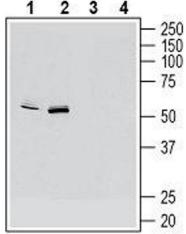
Quantity:	0.2 mL
Target:	CX3CR1
Binding Specificity:	AA 7-20, Extracellular, N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), Live Cell Imaging (LCI)

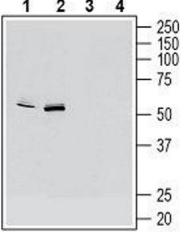
Product Details	
Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: Peptide (C)ELDLENFEYDDSAE, corresponding to amino acid residues 7-
	20 of mouse CX3CR1
Isotype:	IgG
Cross-Reactivity (Details):	Not recommended for use with human samples.
Characteristics:	A Rabbit Polyclonal Antibody to CX3CR1 Receptor
Target Details	
- .	0.000.001

Target:	CX3CR1	
Alternative Name:	CX3CR1 (CX3CR1 Products)	
Background: Alternative names: Fractalkine Receptor, CX3C chemokine receptor 1, C-X3-C CKR-1, C		

Target Details

rarget Details		
	motif chemokine receptor 1, GPR13, CMKBRL1, GPRV28, V28, G-protein coupled receptor 13, CCRL1, Beta chemokine receptor-like 1	
Gene ID:	1524	
NCBI Accession:	NM_001337	
UniProt:	Q9Z0D9	
Pathways:	Cellular Response to Molecule of Bacterial Origin	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	$25\mu\text{L},50\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.	
Concentration:	0.8 mg/mL	
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	RT,4 °C,-20 °C	
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).	



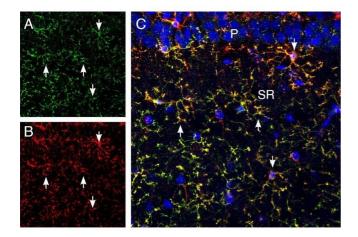


Western Blotting

Image 1. Western blot analysis of mouse BV-2 microglia cell line lysate (lanes 1 and 3) and mouse J774 macrophage cell line lysate (lanes 2 and 4): - 1, 2. Anti-CX3CR1 (extracellular) Antibody (ABIN7043047, ABIN7044194 and ABIN7044195), (1:200). 3, 4. Anti-CX3CR1 (extracellular) Antibody, preincubated with CX3CR1 (extracellular) Blocking Peptide (#BLP-CR058).

Immunohistochemistry

Image 2. Expression of CX3CR1 in rat hippocampus -Immunohistochemical staining of perfusion-fixed frozen rat with Anti-CX3CR1 brain sections (extracellular) Antibody (ABIN7043047, ABIN7044194 and ABIN7044195), (1:300), followed by goat anti-rabbit-AlexaFluor-488. A. CX3CR1 staining (green) in the hippocampal CA1 region is detected in microglial profiles in the stratum oriens. Some profiles include the entire microglial outline including soma (horizontal arrows) while other outlines are processes (vertical arrows). B. Pre-incubation of the antibody with CX3CR1 (extracellular) Blocking Peptide (#BLP-CR058), suppresses staining. Cell nuclei are stained with DAPI (blue). P = pyramidal layer, SR = stratum radiatum, SO = stratum oriens.



Immunohistochemistry

Image 3. Multiplex staining of CX3CR1 and CD11b in rat hippocampus. Immunohistochemical staining of perfusion-fixed frozen rat brain sections Anti-CX3CR1 (extracellular) Antibody (ABIN7043047, ABIN7044194 and ABIN7044195), (1:300), followed by goat anti-rabbit-AlexaFluor-488 and mouse Anti-CD11b, (1:500), followed anti-mouse-biotin and by goat streptavidin-Cy3. A. CXCR1 immunoreactivity (green) appears in microglial

processes (up pointing arrows) and in full microglial outline (down pointing arrows).

B. CD11b immunoreactivity (red) appears in microglial profiles. C. Merge of the two images demonstrates ubiquitous co-localization. Cell nuclei are stained with DAPI (blue). P = pyramidal layer, SR = stratum radiatum.

Please check the product details page for more images. Overall 5 images are available for ABIN7043047.