

## Product Information

**Anti-CX3CR1**  
antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW21051**  
Formerly listed as GenWay Catalog Number 15-288-21051,  
CX3C chemokine receptor 1 Antibody.

Storage Temperature Store at  $-20^{\circ}\text{C}$

Synonyms: Chemokine (C-X3-C motif) receptor 1, C-X3-C  
CKR-1; CX3CR1; Fractalkine receptor; G-protein coupled  
receptor 13; V28; Beta chemokine receptor-like 1; CMK-BRL-  
1; CMKBRL1

### Product Description

Receptor for the CX3C chemokine fractalkine and mediates  
both its adhesive and migratory functions. Acts as  
coreceptor with CD4 for HIV-1 virus envelope protein (in  
vitro). Isoform 2 and isoform 3 seem to be more potent HIV  
coreceptors than isoform 1.

NCBI Accession number: NP\_001328.1  
Swiss Prot Accession number: P49238

Gene Information: Human .. CX3CR1 (1524)

Immunogen: Recombinant protein Chemokine (C-X3-C  
motif) receptor 1

Immunogen Sequence: GI # 4503171, sequence 1 - 21

The product is a clear, colorless solution in phosphate  
buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: ELISA, WB

Recommended Dilutions: Recommended starting dilution  
for Western blot analysis is 1:500, for tissue or cell staining  
1:200.

Note: Optimal concentrations and conditions for each  
application should be determined by the user.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or  
other uses. Due to the sodium azide content a material  
safety data sheet (MSDS) for this product has been sent to  
the attention of the safety officer of your institution. Please  
consult the Material Safety Data Sheet for information  
regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at  $2-8^{\circ}\text{C}$  for up to one week. For  
extended storage, store in  $-20^{\circ}\text{C}$  freezer in working  
aliquots. Repeated freezing and thawing, or storage in  
"frostfree" freezers, is not recommended. If slight turbidity  
occurs upon prolonged storage, clarify the solution by  
centrifugation before use. Working dilution samples should  
be discarded if not used within 12 hours.

LPG,MAM12/09-1

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications.  
Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please  
see reverse side of the invoice or packing slip.