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- Expressversand

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## CXCR5 & GNAI2 Protein Protein Interaction Antibody Pair

Catalog # : DI0220

規格 : [ 1 Set ]

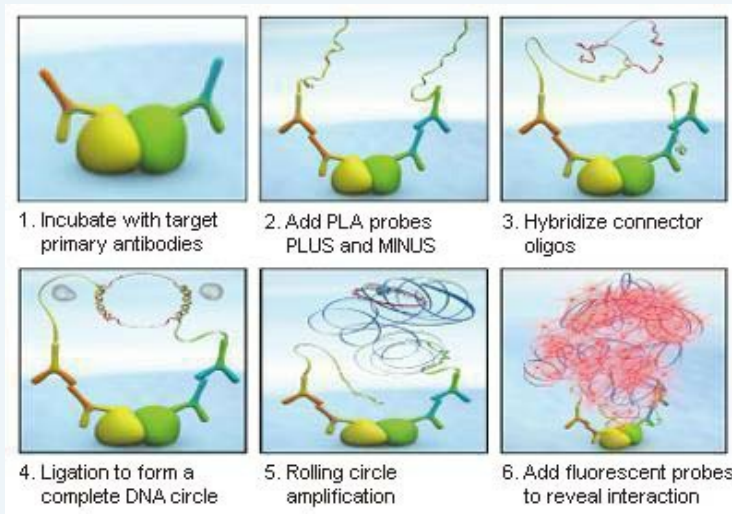
List All

### Specification

**Product Description:** This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the CXCR5 protein, and the other against the GNAI2 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

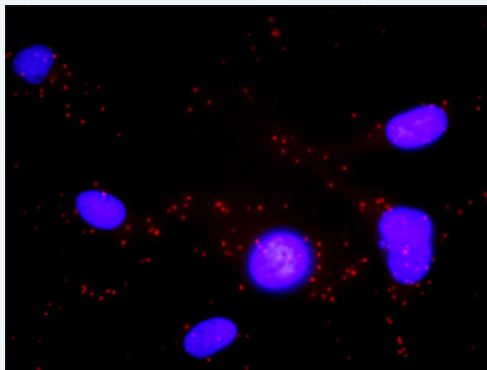
### Application Image

*In situ* Proximity Ligation Assay (Cell)



**Reactivity:** Human

**Quality Control Testing:** Protein protein interaction immunofluorescence result.




Representative image of Proximity Ligation Assay of protein-protein interactions between CXCR5 and GNAI2. HeLa cells were stained with anti-CXCR5 rabbit purified polyclonal antibody 1:1200 and anti-GNAI2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex. The images were analyzed using an optimized freeware ([BlobFinder](#)) download from The Centre for Image Analysis at Uppsala University.

**Supplied Product:** Antibody pair set content:  
 1. CXCR5 rabbit purified polyclonal antibody (20 ug)  
 2. GNAI2 mouse monoclonal antibody (40 ug)  
 \*Reagents are sufficient for at least 30-50 assays using recommended protocols.

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -

20°C storage immediately after use.

MSDS:

 [Download](#)

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## Publication Reference

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1. [An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma.](#)  
Liu CH, Chen TC, Chau GY, Jan YH, Chen CH, Hsu CN, Lin KT, Juang YL, Lu PJ, Cheng HC, Chen MH, Chang CF, Ting YS, Kao CY, Hsiao M, Huang CY. Mol Cell Proteomics. 2013 Feb 8. [Epub ahead of print]

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## Applications

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### *In situ* Proximity Ligation Assay (Cell)

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[CXCR5](#) [GNAI2](#)

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## Gene Information

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Entrez GeneID: [643](#)

Gene Name: CXCR5

Gene Alias: BLR1,CD185,MDR15,MGC117347

Gene Description: chemokine (C-X-C motif) receptor 5

Omim ID: [601613](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene was identified as a gene specifically expressed in Burkitt's lymphoma and lymphatic tissues. The protein encoded by this gene is predicted to be a seven transmembrane G protein- coupled receptor and belongs to the CXC chemokine receptor family. BLC, a B-lymphocyte chemoattractant, was identified to be a specific ligand for this receptor. Studies of this gene and its mouse conterpart strongly suggest the essential function of this gene in B cell migration and localization within specific anatomic compartments, such as follicles in lymph nodes as well as in spleen. Two alternatively spliced variants of this gene exist. [provided by RefSeq]

**Other Designations:** Burkitt lymphoma receptor 1,Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C-X-C motif) receptor 5),Burkitt lymphoma receptor 1, GTP-binding protein,C-X-C chemokine receptor type 5,monocyte-derived receptor 15

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## Gene Information

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Entrez GeneID: [2771](#)

Gene Name: GNAI2

Gene Alias: GIP,GNAI2B,H\_LUCA15.1,H\_LUCA16.1

Gene Description: guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2

Omim ID: [139360](#), [192605](#)

Gene Ontology: [Hyperlink](#)

**Other Designations:** GTP-binding regulatory protein Gi alpha-2 chain,WUGSC:H\_LUCA15.1,WUGSC:H\_LUCA16.1

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