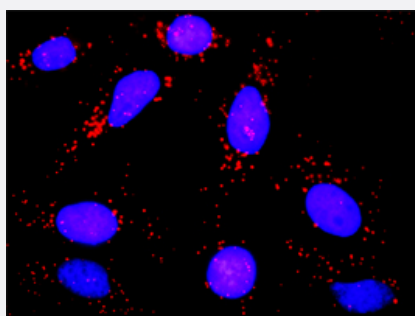


C5AR1 & GNAI2 Protein Protein Interaction Antibody Pair

Catalog # DI0219

Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein-protein interactions between C5AR1 and GNAI2. HeLa cells were stained with anti-C5AR1 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.

Specification

Product Description

This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the C5AR1 protein, and the other against the GNAI2 protein for use in [in situ Proximity Ligation Assay](#). [See Publication Reference below](#).

Reactivity

Human

Quality Control Testing

Protein protein interaction immunofluorescence result.
Representative image of Proximity Ligation Assay of protein-protein interactions between C5AR1 and GNAI2. HeLa cells were stained with anti-C5AR1 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. C5AR1 rabbit purified polyclonal antibody (100 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.

Applications

- *In situ* Proximity Ligation Assay (Cell)

Gene Info — C5AR1

Entrez GeneID	728
Gene Name	C5AR1
Gene Alias	C5A, C5AR, C5R1, CD88
Gene Description	complement component 5a receptor 1
Omim ID	113995
Gene Ontology	Hyperlink
Other Designations	C5a anaphylatoxin receptor C5a ligand complement component 5 receptor 1

Gene Info — GNAI2

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
Gene Summary	O
Other Designations	GTP-binding regulatory protein Gi alpha-2 chain WUGSC:H_LUCA15.1 WUGSC:H_LUCA16.1

Pathway

- [Axon guidance](#)
- [Chemokine signaling pathway](#)

- [Complement and coagulation cascades](#)
- [Gap junction](#)
- [Leukocyte transendothelial migration](#)
- [Long-term depression](#)
- [Melanogenesis](#)
- [Neuroactive ligand-receptor interaction](#)
- [Tight junction](#)

Disease

- [Adenoma](#)
- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Familial Mediterranean fever](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)

- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
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- [Pulmonary Disease](#)
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