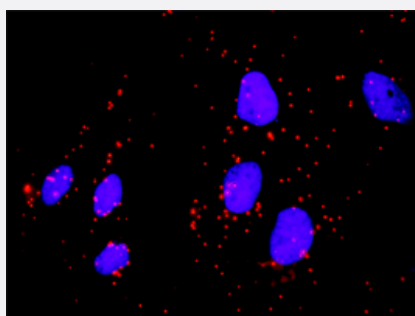


SYK & FCGR1A Protein Protein Interaction Antibody Pair

Catalog # DI0196

Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein-protein interactions between SYK and FCGR1A. HeLa cells were stained with anti-SYK rabbit purified polyclonal antibody 1:1200 and anti-FCGR1A 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 SYK protein, and the other against the FCGR1A 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 SYK and FCGR1A. HeLa cells were stained with anti-SYK rabbit purified polyclonal antibody 1:1200 and anti-FCGR1A 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. SYK rabbit purified polyclonal antibody (100 ug)
2. FCGR1A 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 — FCGR1A

Entrez GeneID	2209
Gene Name	FCGR1A
Gene Alias	CD64, CD64A, FCRI, FLJ18345, IGFR1
Gene Description	Fc fragment of IgG, high affinity Ia, receptor (CD64)
Omim ID	146760
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq]
Other Designations	Fc fragment of IgG, high affinity Ia, receptor for (CD64) Fc gamma receptor Fc-gamma RI Fc-gamma receptor IA1 IgG Fc receptor OTTHUMP00000013913

Gene Info — SYK

Entrez GeneID	6850
Gene Name	SYK
Gene Alias	DKFZp313N1010, FLJ25043, FLJ37489
Gene Description	spleen tyrosine kinase
Omim ID	600085
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000021627 OTTHUMP00000021628

Pathway

- [B cell receptor signaling pathway](#)

- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Hematopoietic cell lineage](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Systemic lupus erythematosus](#)

Disease

- [Asthma](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Lymphedema](#)
- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)
- [Periodontitis](#)
- [Rhinitis](#)
- [Tobacco Use Disorder](#)