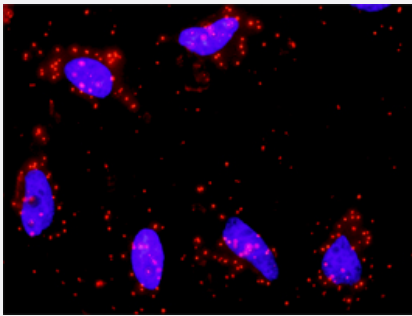


FASLG & FYN Protein Protein Interaction Antibody Pair

Catalog # DI0212

Size 1 Set

Applications



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

Entrez GeneID	356
Gene Name	FASLG
Gene Alias	APT1LG1, CD178, CD95L, FASL, TNFSF6
Gene Description	Fas ligand (TNF superfamily, member 6)
Omim ID	134638 152700
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the ligand for FAS. Both are transmembrane proteins. Interaction of FAS with this ligand is critical in triggering apoptosis of some types of cells such as lymphocytes. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE). [provided by RefSeq]
Other Designations	CD95 ligand OTTHUMP00000032708 apoptosis (APO-1) antigen ligand 1 fas ligand tumor necrosis factor (ligand) superfamily, member 6

Gene Info — FYN

Entrez GeneID	2534
Gene Name	FYN
Gene Alias	MGC45350, SLK, SYN
Gene Description	FYN oncogene related to SRC, FGR, YES
Omim ID	137025
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the protein-tyrosine kinase oncogene family. It encodes a membrane-associated tyrosine kinase that has been implicated in the control of cell growth. The protein associates with the p85 subunit of phosphatidylinositol 3-kinase and interacts with the fyn-binding protein. Alternatively spliced transcript variants encoding distinct isoforms exist. [provided by RefSeq]
Other Designations	OKT3-induced calcium influx regulator OTTHUMP00000017914 OTTHUMP00000017915 OTTHUMP00000017917 c-syn protooncogene protein-tyrosine kinase fyn proto-oncogene tyrosine-protein kinase fyn src-like kinase src/yes-related novel tyrosine kinase p59fyn(T)

Pathway

- [Adherens junction](#)
- [Allograft rejection](#)
- [Apoptosis](#)
- [Autoimmune thyroid disease](#)
- [Axon guidance](#)
- [Cytokine-cytokine receptor interaction](#)
- [Fc epsilon RI signaling pathway](#)
- [Focal adhesion](#)
- [Graft-versus-host disease](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Pathogenic Escherichia coli infection - EHEC](#)
- [Pathways in cancer](#)
- [Prion diseases](#)
- [T cell receptor signaling pathway](#)
- [Type I diabetes mellitus](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Adenocarcinoma](#)
- [Adenocarcinoma](#)
- [Alcoholism](#)

- [Alzheimer disease](#)
- [Alzheimer disease](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Azoospermia](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Carcinoma in Situ](#)
- [Cardiovascular Diseases](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Endometriosis](#)
- [Epidermal Necrolysis](#)
- [Esophageal Neoplasms](#)
- [Fetal Diseases](#)

- [Gastroesophageal Reflux](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intestinal Fistula](#)
- [Intestinal Neoplasms](#)
- [Leukemia](#)
- [Leukoplakia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Erythematosus](#)

- [Lymphatic Metastasis](#)
- [Lymphocytosis](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Migraine with Aura](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Neuropsychological Tests](#)
- [Neutropenia](#)
- [Occupational Diseases](#)
- [Oligospermia](#)
- [Oral Submucous Fibrosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Parkinson disease](#)
- [Periodontitis](#)

- [Pharyngeal Neoplasms](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Silicosis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Stevens-Johnson Syndrome](#)
- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)
- [Thyroiditis](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Vitiligo](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)