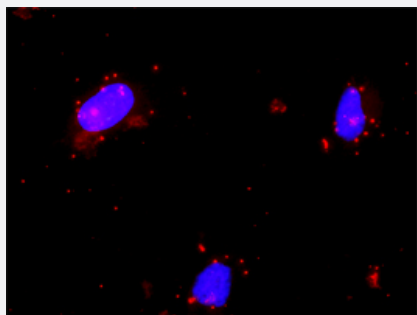


FASLG & FN1 Protein Protein Interaction Antibody Pair

Catalog # DI0606

Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein-protein interactions between FASLG and FN1. HeLa cells were stained with anti-FASLG rabbit purified polyclonal antibody 1:1200 and anti-FN1 mouse purified polyclonal 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 FN1 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 FN1. HeLa cells were stained with anti-FASLG rabbit purified polyclonal antibody 1:1200 and anti-FN1 mouse purified polyclonal 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. FN1 mouse purified polyclonal 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 — FN1

Entrez GeneID	2335
Gene Name	FN1
Gene Alias	CIG, DKFZp686F10164, DKFZp686H0342, DKFZp686I1370, DKFZp686O13149, ED-B, FINC, FN, FNZ, GFND, GFND2, LETS, MSF
Gene Description	fibronectin 1
Omim ID	135600
Gene Ontology	Hyperlink

Gene Summary

This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined. [provided by RefSeq]

Other Designations

cold-insoluble globulin|migration-stimulating factor

Pathway

- [Allograft rejection](#)
- [Apoptosis](#)
- [Autoimmune thyroid disease](#)
- [Cytokine-cytokine receptor interaction](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Graft-versus-host disease](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Small cell lung cancer](#)
- [Type I diabetes mellitus](#)

Disease

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

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Azoospermia](#)
- [Breast cancer](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Carcinoma](#)
- [Carcinoma in Situ](#)
- [Cardiovascular Diseases](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Cryoglobulinemia](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)

- [Endometriosis](#)
- [Epidermal Necrolysis](#)
- [Esophageal Neoplasms](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Gastroesophageal Reflux](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypercholesterolemia](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intestinal Fistula](#)
- [Intestinal Neoplasms](#)
- [Kidney Failure](#)
- [Leukemia](#)

- [Leukoplakia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Lymphocytosis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Migraine with Aura](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Nephrolithiasis](#)
- [Neutropenia](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Oligospermia](#)
- [Oral Submucous Fibrosis](#)

- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Periodontitis](#)
- [Pharyngeal Neoplasms](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Silicosis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Stevens-Johnson Syndrome](#)
- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Thyroiditis](#)

- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Vitiligo](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)