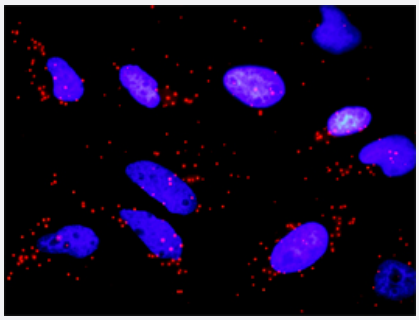
BID & FASLG Protein Protein Interaction Antibody Pair

Catalog # DI0192 Size 1 Set

Applications



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

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- *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 — BID

Entrez GeneID	637
Gene Name	BID
Gene Alias	FP497, MGC15319, MGC42355
Gene Description	BH3 interacting domain death agonist
Omim ID	601997
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq
Other Designations	BH3-interacting domain death agonist|BID isoform ES(1b)|BID isoform L(2)|BID isoform Si6|Human BID coding sequence|OTTHUMP00000196197|apoptic death agonist|desmocollin type 4

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Pathway

- Allograft rejection
- Amyotrophic lateral sclerosis (ALS)
- Apoptosis
- Apoptosis
- Autoimmune thyroid disease
- Cytokine-cytokine receptor interaction
- Graft-versus-host disease
- MAPK signaling pathway
- Natural killer cell mediated cytotoxicity
- Natural killer cell mediated cytotoxicity
- Neurotrophin signaling pathway
- p53 signaling pathway
- Pathways in cancer
- Pathways in cancer
- Type I diabetes mellitus

Disease

- Acquired Immunodeficiency Syndrome
- Adenocarcinoma
- Adenocarcinoma
- Alzheimer disease
- Autoimmune Diseases
- Azoospermia
- Breast cancer

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- Breast cancer
- Breast Neoplasms
- Breast Neoplasms
- Carcinoma
- Carcinoma
- Carcinoma in Situ
- Cardiovascular Diseases
- Cervical Intraepithelial Neoplasia
- Chronic Disease
- Clubfoot
- Colorectal Neoplasms
- Colorectal Neoplasms
- Connective Tissue Diseases
- Crohn Disease
- Diabetes Mellitus
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression
- Disease Progression
- Edema
- Endometriosis
- Epidermal Necrolysis
- Esophageal Neoplasms
- Esophageal Neoplasms
- Fetal Diseases
- Gastroesophageal Reflux

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- Genetic Predisposition to Disease
- Genetic Predisposition to Disease
- Graves Disease
- Head and Neck Neoplasms
- Helicobacter Infections
- Hematologic Diseases
- Hepatitis B
- Hepatitis C
- HIV Infections
- Hodgkin Disease
- Hypercholesterolemia
- Infection
- Infertility
- Inflammation
- Insulin Resistance
- Intestinal Fistula
- Intestinal Neoplasms
- Kidney Failure
- Leukemia
- Leukoplakia
- Liver Cirrhosis
- Lung Neoplasms
- Lupus Erythematosus
- Lymphatic Metastasis
- Lymphatic Metastasis
- Lymphocytosis

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- Lymphoproliferative Disorders
- Malignant melanoma
- Melanoma
- Migraine with Aura
- Mouth Neoplasms
- Multiple Myeloma
- Multiple Sclerosis
- Musculoskeletal Diseases
- Nasopharyngeal Neoplasms
- Neoplasm Metastasis
- Neoplasm Metastasis
- Neoplasms
- Neovascularization
- Neutropenia
- Occupational Diseases
- Oligospermia
- Oral Submucous Fibrosis
- Ovarian cancer
- Ovarian Neoplasms

- Pancreatic cancer
- Pancreatic Neoplasms
- Periodontitis
- Pharyngeal Neoplasms
- Precancerous Conditions
- Pre-Eclampsia

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- Pregnancy Complications
- Premature Birth
- Pulmonary Disease
- Silicosis
- Skin Diseases
- Skin Neoplasms
- Stevens-Johnson Syndrome
- Stomach Neoplasms
- Stomach Neoplasms
- Substance-Related Disorders
- Thrombocytopenia
- Thyroid Neoplasms
- Thyroiditis
- Tobacco Use Disorder
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Vitiligo
- Waldenstrom Macroglobulinemia
- Werner syndrome

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