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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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FADD & FAS Protein Protein Interaction Antibody Pair

Catalog # : DI0180

規格 : [1 Set]

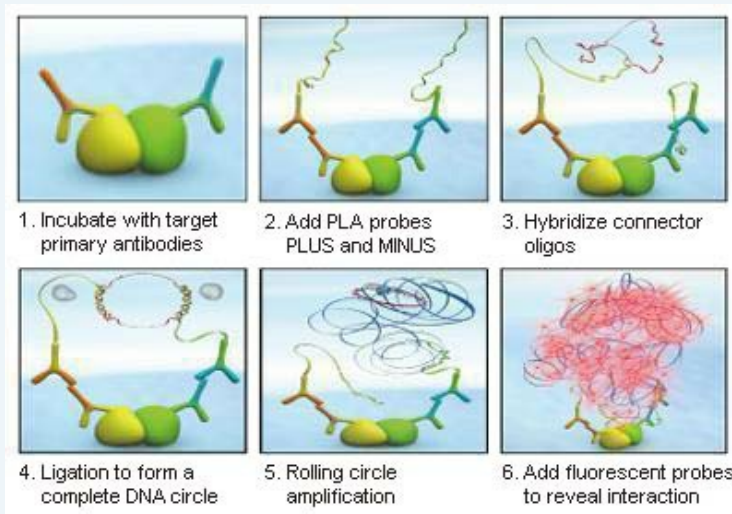
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the FADD protein, and the other against the FAS protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

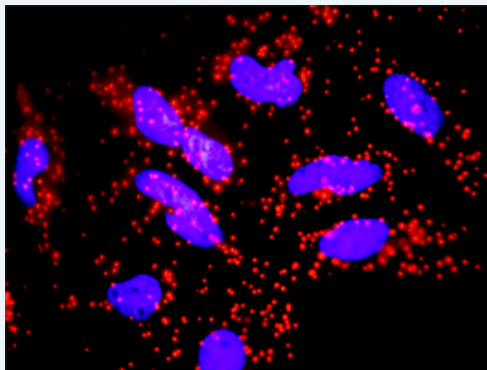
Application Image

In situ Proximity Ligation Assay (Cell)



Reactivity: Human

Quality Control Testing: Protein protein interaction immunofluorescence result.



Representative image of Proximity Ligation Assay of protein-protein interactions between FADD and FAS. HeLa cells were stained with anti-FADD rabbit purified polyclonal antibody 1:1200 and anti-FAS 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. FADD rabbit purified polyclonal antibody (20 ug)
 2. FAS 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.

MSDS:

 [Download](#)

Publication Reference

1. [An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma.](#)
Liu CH, Chen TC, Chau GY, Jan YH, Chen CH, Hsu CN, Lin KT, Juang YL, Lu PJ, Cheng HC, Chen MH, Chang CF, Ting YS, Kao CY, Hsiao M, Huang CY. Mol Cell Proteomics. 2013 Feb 8. [Epub ahead of print]

Applications

In situ Proximity Ligation Assay (Cell)

[FAS](#) [FADD](#)

Gene Information

Entrez GeneID: [8772](#)

Gene Name: FADD

Gene Alias: GIG3,MGC8528,MORT1

Gene Description: Fas (TNFRSF6)-associated via death domain

Omim ID: [602457](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmask the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq]

Other Designations: Fas-associated via death domain,Fas-associating death domain-containing protein,Fas-associating protein with death domain,growth-inhibiting gene 3 protein,mediator of receptor-induced toxicity

Gene Information

Entrez GeneID: [355](#)

Gene Name: FAS

Gene Alias: ALPS1A,APO-1,APT1,CD95,FAS1,FASTM,TNFRSF6

Gene Description: Fas (TNF receptor superfamily, member 6)

Omim ID: [134637](#), [601859](#)

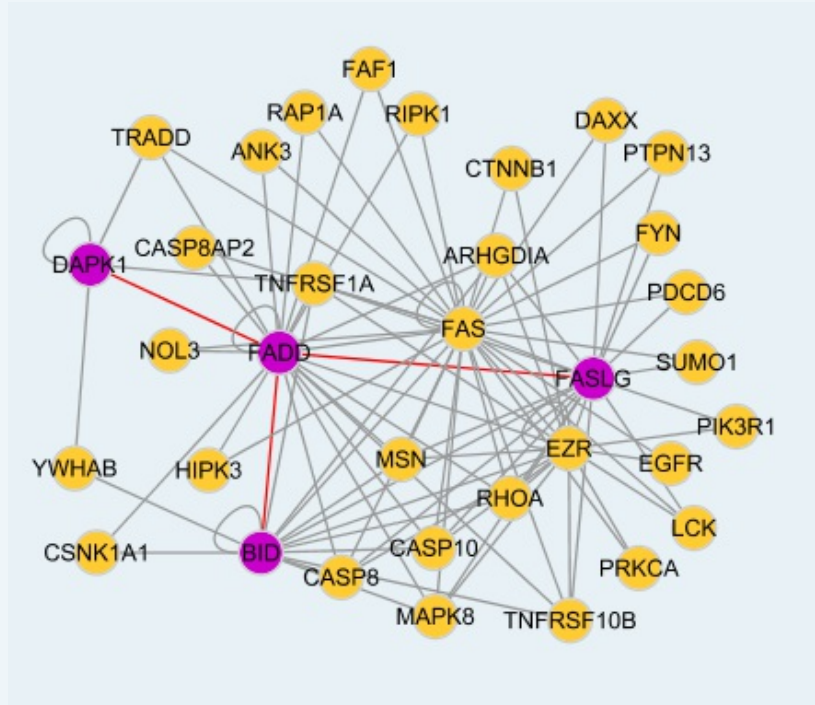
Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown

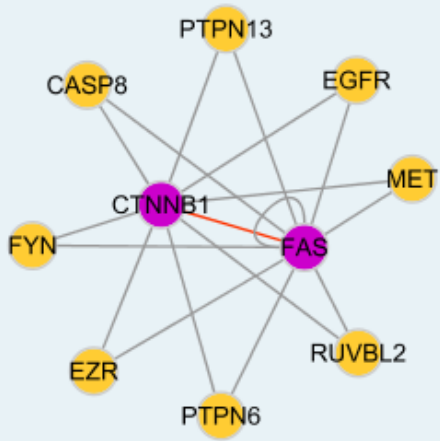
to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. At least eight alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform. [provided by RefSeq

Other Designations: APO-1 cell surface antigen, CD95 antigen, Fas AMA, Fas antigen, OTTHUMP00000020045, OTTHUMP00000020046, OTTHUMP0000020051, OTTHUMP00000059646, apoptosis antigen 1, tumor necrosis factor receptor superfamily member 6, tumor necrosis factor receptor superfamily, mem

Interactome 1



Interactome 2



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