



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## FADD & BID Protein Protein Interaction Antibody Pair

Catalog # : DI0074

規格 : [ 1 Set ]

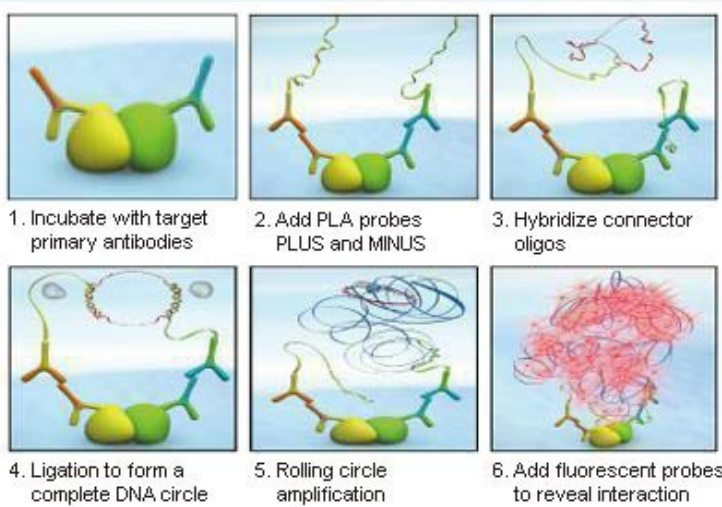
List All

### 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 BID protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

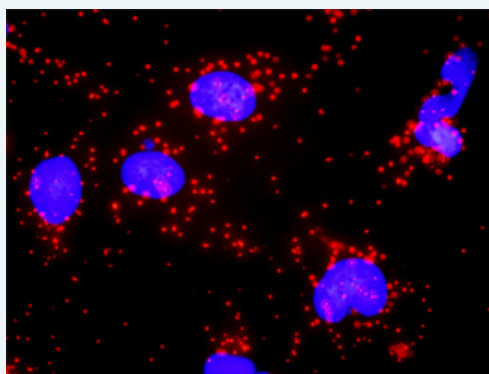
### Application Image

*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 BID. HeLa cells were stained with anti-FADD rabbit purified polyclonal antibody 1:1200 and anti-BID 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. BID 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 -

**MSDS:**



**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)**

BID 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 unmasks 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:** 637

**Gene Name:** BID

**Gene Alias:** FP497,MGC15319,MGC42355

**Gene Description:** BH3 interacting domain death agonist

**Omim ID:** 601997

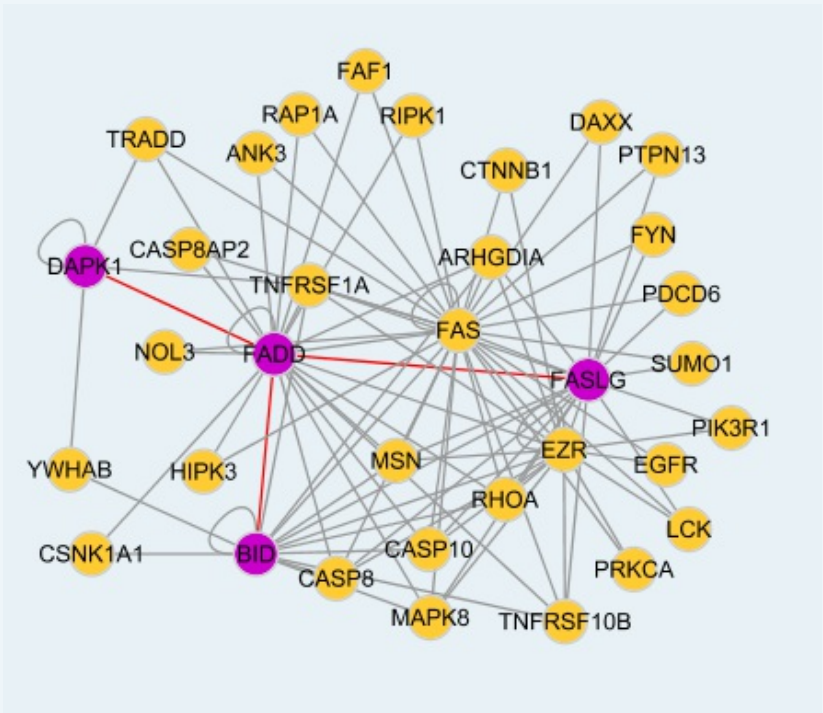
**Gene Ontology:** Hyperlink

**Gene Summary:** This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein is a member of

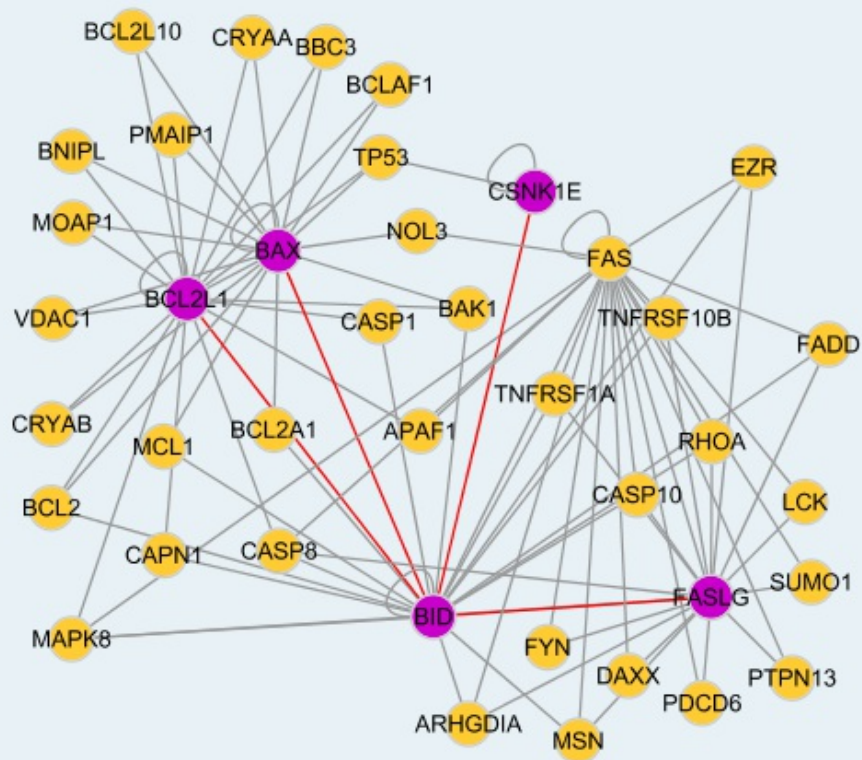
the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq

**Other** BH3-interacting domain death agonist,BID isoform ES(1b),BID isoform L(2),BID isoform Si6,Human BID coding  
**Designations:** sequence,OTTHUMP00000196197,apoptotic death agonist,desmocollin type 4

**Interactome 1**



**Interactome 2**



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