



# SZABO SCANDIC

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## MMP7 & FASLG Protein Protein Interaction Antibody Pair

Catalog # : DI0182

規格 : [ 1 Set ]

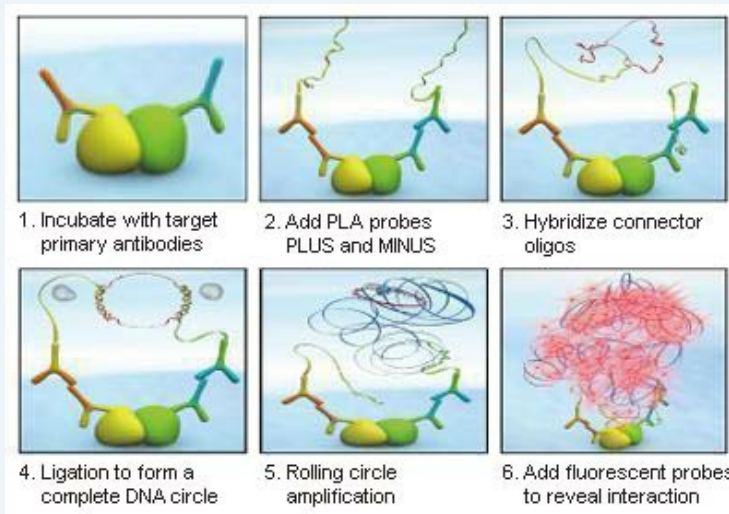
List All

### Specification

**Product Description:** This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the MMP7 protein, and the other against the FASLG protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

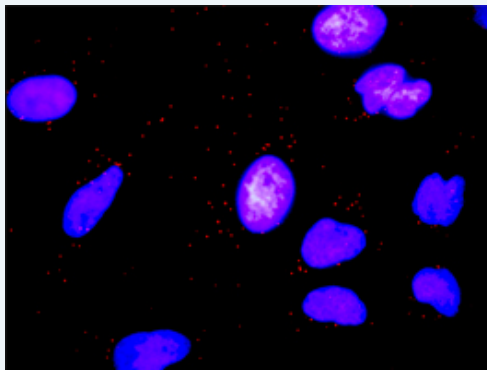
### Application Image

*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 MMP7 and FASLG. HeLa cells were stained with anti-MMP7 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. MMP7 rabbit purified polyclonal antibody (20 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.

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)

[FASLG](#) [MMP7](#)

## Gene Information

Entrez GeneID: [4316](#)

Gene Name: MMP7

Gene Alias: MMP-7,MPSL1,PUMP-1

Gene Description: matrix metalloproteinase 7 (matrilysin, uterine)

Omim ID: [178990](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades proteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal protein domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]

Other Designations: matrin,matrix metalloproteinase 7,matrix metalloproteinase 7 (matrilysin, uterine),uterine matrilysin

## Gene Information

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](#)

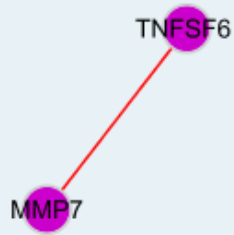
Gene Ontology: [Hyperlink](#)

**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

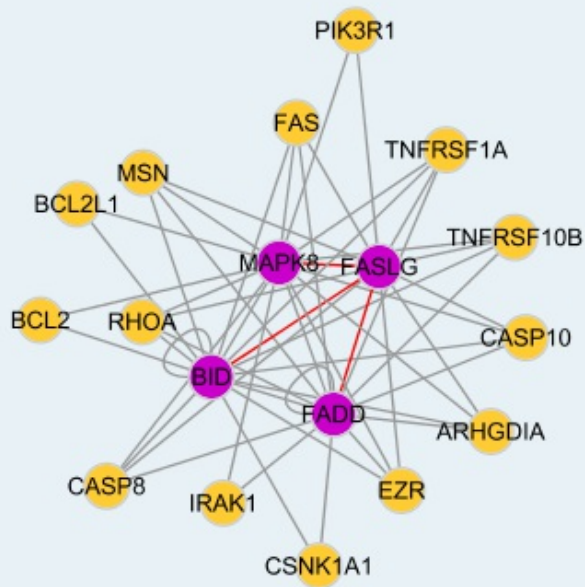
triggering apoptosis of some types of cells such as lymphocytes. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE). [provided by RefSeq]

**Other Designations:** CD95 ligand, OTTHUMP00000032708, apoptosis (APO-1) antigen ligand 1, fas ligand, tumor necrosis factor (ligand) superfamily, member 6

### Interactome 1



### Interactome 2



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