



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## FYN & CTLA4 Protein Protein Interaction Antibody Pair

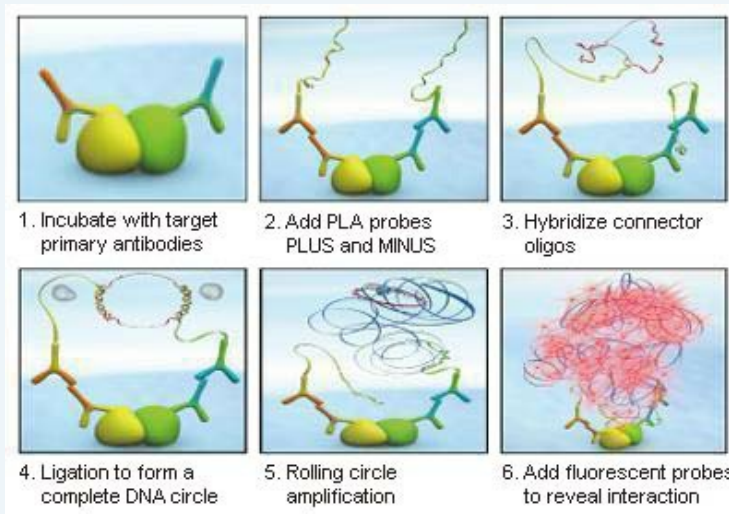
Catalog # : DI0137

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 FYN protein, and the other against the CTLA4 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

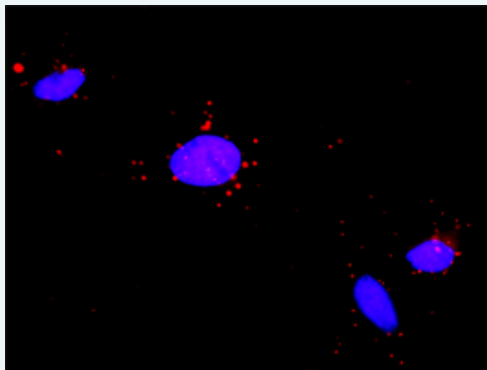


### Application Image

*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 FYN and CTLA4. HeLa cells were stained with anti-FYN rabbit purified polyclonal antibody 1:1200 and anti-CTLA4 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. FYN rabbit purified polyclonal antibody (20 ug)  
 2. CTLA4 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)

[CTLA4](#) [FYN](#)

### Gene Information

Entrez GeneID: [2534](#)

Gene Name: FYN

Gene Alias: MGC45350,SLK,SYN

Gene Description: FYN oncogene related to SRC, FGR, YES

Omim ID: [137025](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene is a member of the protein-tyrosine kinase oncogene family. It encodes a membrane-associated tyrosine kinase that has been implicated in the control of cell growth. The protein associates with the p85 subunit of phosphatidylinositol 3-kinase and interacts with the fyn-binding protein. Alternatively spliced transcript variants encoding distinct isoforms exist. [provided by RefSeq]

**Other Designations:** OKT3-induced calcium influx regulator,OTTHUMP00000017914,OTTHUMP00000017915,OTTHUMP0000017917,c-syn protooncogene,protein-tyrosine kinase fyn,proto-oncogene tyrosine-protein kinase fyn,src-like kinase,src/yes-related novel,tyrosine kinase p59fyn(T)

### Gene Information

Entrez GeneID: [1493](#)

Gene Name: CTLA4

Gene Alias: CD152,CELIAC3,CTLA-4,GSE,IDDM12

Gene Description: cytotoxic T-lymphocyte-associated protein 4

Omim ID: [123890](#), [140300](#), [275000](#), [601388](#), [609755](#)

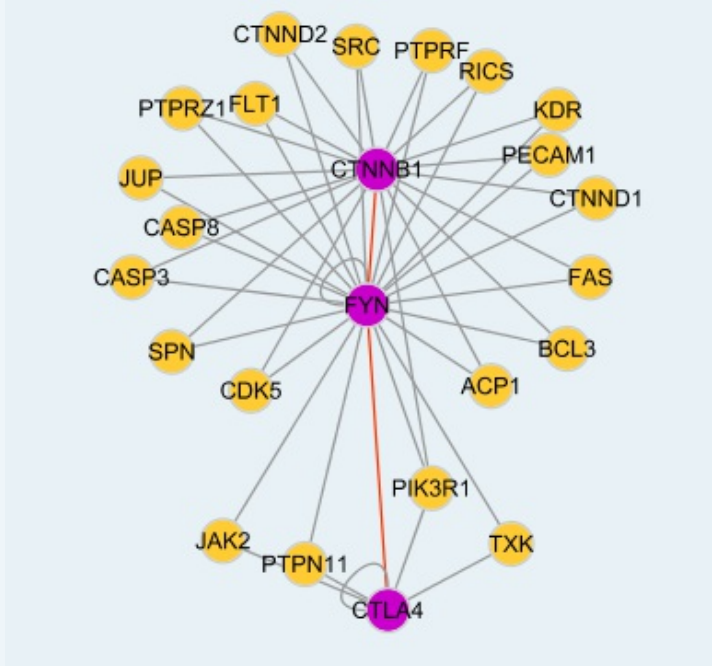
Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a

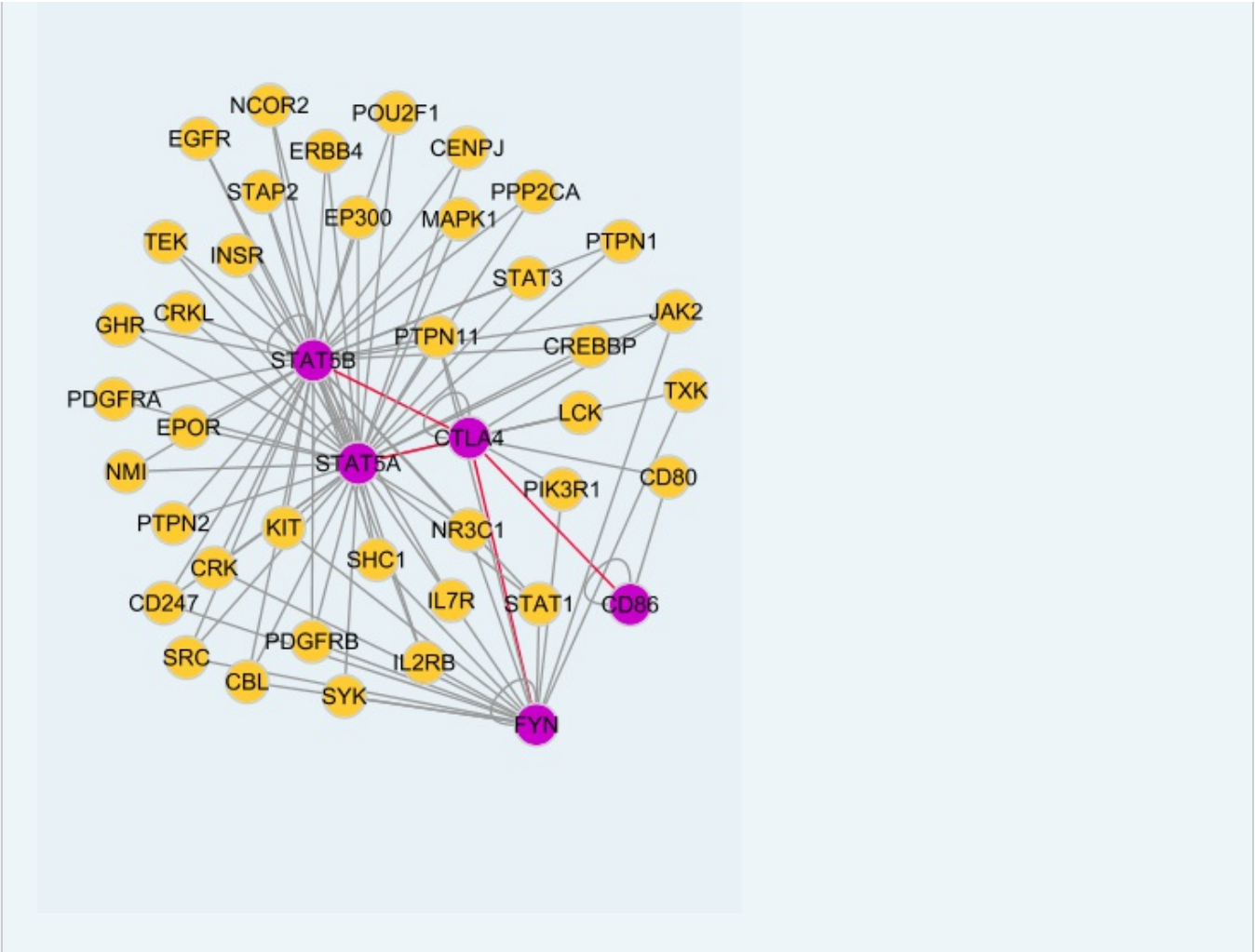
homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases. [provided by RefSeq]

**Other** OTTHUMP00000163781,cytotoxic T-lymphocyte-associated antigen  
**Designations:** 4,cytotoxic T-lymphocyte-associated serine esterase-4,ligand and transmembrane spliced cytotoxic T lymphocyte associated antigen 4

#### Interactome 1



#### Interactome 2



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