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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

www.szabo-scandic.com

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

CD86 & CD80 Protein Protein Interaction Antibody Pair

Catalog # : DI0082

規格 : [1 Set]

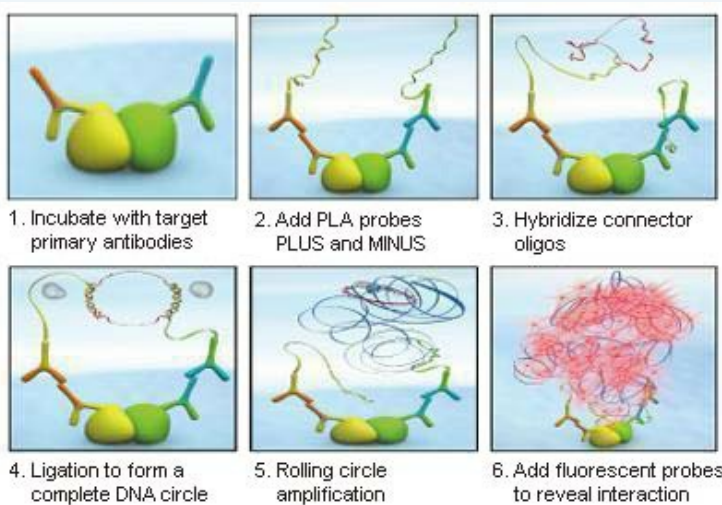
[List All](#)

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the CD86 protein, and the other against the CD80 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

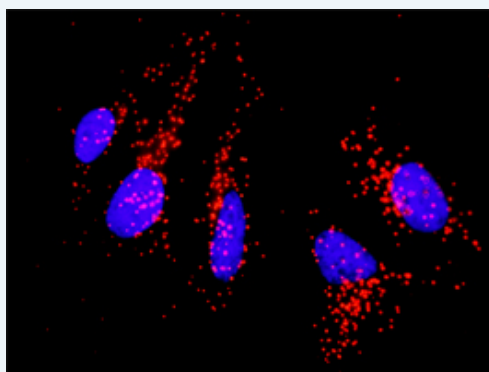
Application Image

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 CD86 and CD80. HeLa cells were stained with anti-CD86 rabbit purified polyclonal antibody 1:1200 and anti-CD80 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. CD86 rabbit purified polyclonal antibody (20 ug)
 2. CD80 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:[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)**[CD80](#) [CD86](#)**Gene Information****Entrez GeneID:** [942](#)**Gene Name:** CD86**Gene Alias:** B7-2,B70,CD28LG2,LAB72,MGC34413**Gene Description:** CD86 molecule**Omim ID:** [601020](#)**Gene Ontology:** [Hyperlink](#)

Gene Summary: This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined. [provided by RefSeq]

Other Designations: B-lymphocyte activation antigen B7-2,B7-2 antigen,CD28 antigen ligand 2,CD86 antigen,CD86 antigen (CD28 antigen ligand 2, B7-2 antigen),CTLA-4 counter-receptor B7.2

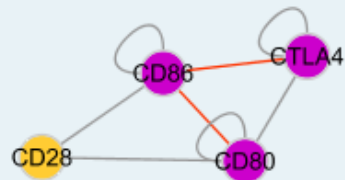
Gene Information**Entrez GeneID:** [941](#)**Gene Name:** CD80**Gene Alias:** CD28LG,CD28LG1,LAB7**Gene Description:** CD80 molecule**Omim ID:** [112203](#)**Gene Ontology:** [Hyperlink](#)

Gene Summary: The B-lymphocyte activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of

binding to the CD28 (MIM 186760) and CTLA4 (MIM 123890) ligands of T cells.[supplied by OMIM]

Other Designations: B-lymphocyte activation antigen B7,CD80 antigen,CD80 antigen (CD28 antigen ligand 1, B7-1 antigen),costimulatory factor CD80,costimulatory molecule variant IgV-CD80

Interactome 1



Interactome 2

