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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CD3D & CANX Protein Protein Interaction Antibody Pair

Catalog # : DI0111

規格 : [1 Set]

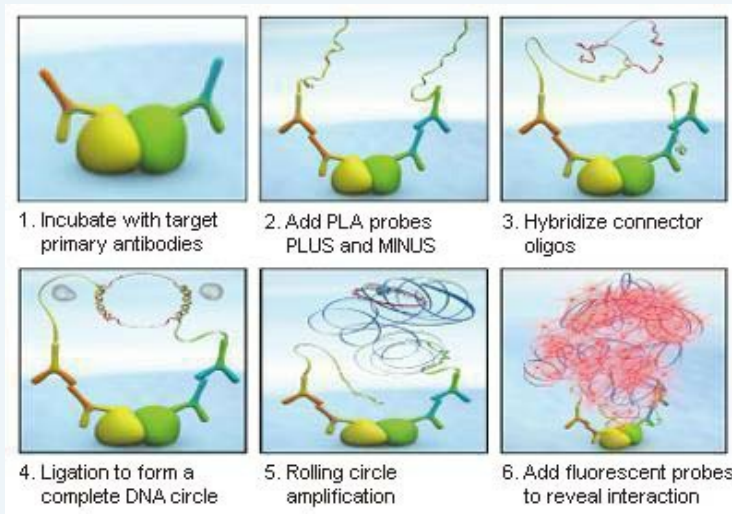
List All

Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the CD3D protein, and the other against the CANX protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

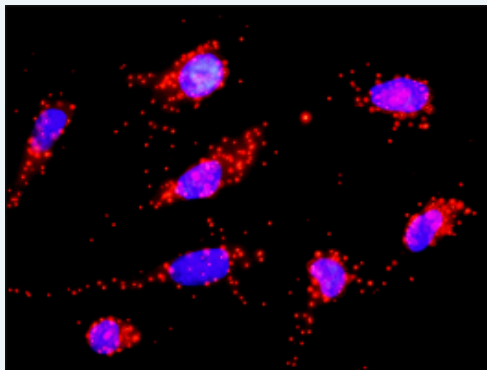
Application Image

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 CD3D and CANX. HeLa cells were stained with anti-CD3D rabbit purified polyclonal antibody 1:1200 and anti-CANX 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. CD3D rabbit purified polyclonal antibody (20 ug)
 2. CANX 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)

[CANX](#) [CD3D](#)

Gene Information

Entrez GeneID: [915](#)

Gene Name: CD3D

Gene Alias: CD3-DELTA,T3D

Gene Description: CD3d molecule, delta (CD3-TCR complex)

Omim ID: [186790](#), [600802](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is part of the T-cell receptor/CD3 complex (TCR/CD3 complex) and is involved in T-cell development and signal transduction. The encoded membrane protein represents the delta subunit of the CD3 complex, and along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form the TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (SCIDBNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length natures of their transcripts has yet to be defined. [provided by RefSeq]

Other Designations: CD3D antigen, delta polypeptide,CD3d antigen, delta polypeptide (TiT3 complex),T-cell receptor T3 delta chain,T-cell surface glycoprotein CD3 delta chain

Gene Information

Entrez GeneID: [821](#)

Gene Name: CANX

Gene Alias: CNX,FLJ26570,IP90,P90

Gene Description: calnexin

Omim ID: [114217](#)

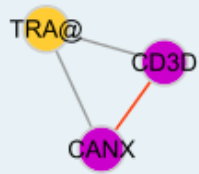
Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the calnexin family of molecular chaperones. The encoded protein is a calcium-binding, endoplasmic

reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq

Other Designations: major histocompatibility complex class I antigen-binding protein p88

Interactome 1



Interactome 2

