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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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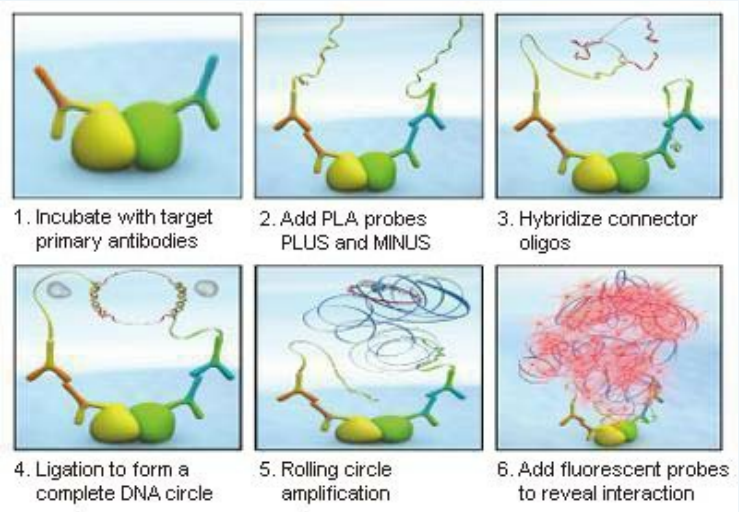
LCK & CD55 Protein Protein Interaction Antibody Pair

Catalog # : DI0081 **規格 :** [1 Set]

List All

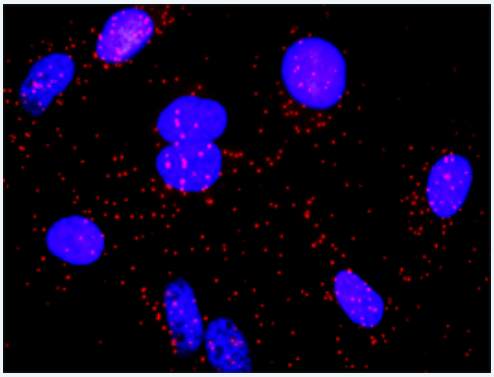
Specification

Product Description: This protein protein interaction antibody pair set comes with two antibodies to detect the protein-protein interaction, one against the LCK protein, and the other against the CD55 protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.



Reactivity: Human

Quality Control Testing: Protein protein interaction immunofluorescence result.



Representative image of Proximity Ligation Assay of protein-protein interactions between LCK and CD55. HeLa cells were stained with anti-LCK rabbit purified polyclonal antibody 1:1200 and anti-CD55 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. LCK rabbit purified polyclonal antibody (20 ug)
2. CD55 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 -

Application Image

In situ Proximity Ligation Assay (Cell)

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)**

CD55 LCK

Gene Information

Entrez GeneID: 3932

Gene Name: LCK

Gene Alias: YT16,p56lck,pp58lck

Gene Description: lymphocyte-specific protein tyrosine kinase

Omim ID: 153390

Gene Ontology: Hyperlink

Gene Summary: This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein is a key signaling molecule in the selection and maturation of developing T-cells. It contains N-terminal sites for myristylation and palmitylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to the plasma membrane and pericentrosomal vesicles, and binds to cell surface receptors, including CD4 and CD8, and other signaling molecules. Multiple alternatively spliced variants, encoding the same protein, have been described. [provided by RefSeq

Other Designations: T-lymphocyte specific protein tyrosine kinase p56lck,p56(LSTRA) protein-tyrosine kinase,protein tyrosine kinase,proto-oncogene tyrosine-protein kinase LCK

Gene Information

Entrez GeneID: 1604

Gene Name: CD55

Gene Alias: CR,CROM,DAF,TC

Gene Description: CD55 molecule, decay accelerating factor for complement (Cromer blood group)

Omim ID: 125240

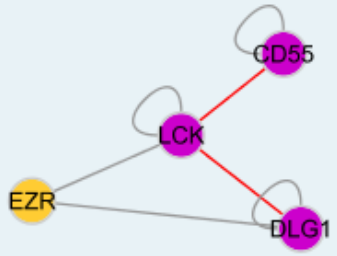
Gene Ontology: Hyperlink

Gene Summary: This gene encodes a protein involved in the regulation of the complement cascade. The encoded glycoprotein is also known as the

decay-accelerating factor (DAF); binding of DAF to complement proteins accelerates their decay, disrupting the cascade and preventing damage to host cells. Antigens present on the DAF glycoprotein constitute the Cromer blood group system (CROM). Two alternatively spliced transcripts encoding different proteins have been identified. The predominant transcript encodes a membrane-bound protein expressed on cells exposed to plasma component proteins but an alternatively spliced transcript produces a soluble protein present at much lower levels. Additional, alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq

Other Designations: CD55 antigen,decay accelerating factor for complement

Interactome 1



Interactome 2