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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ICAM1 & FGG Protein Protein Interaction Antibody Pair

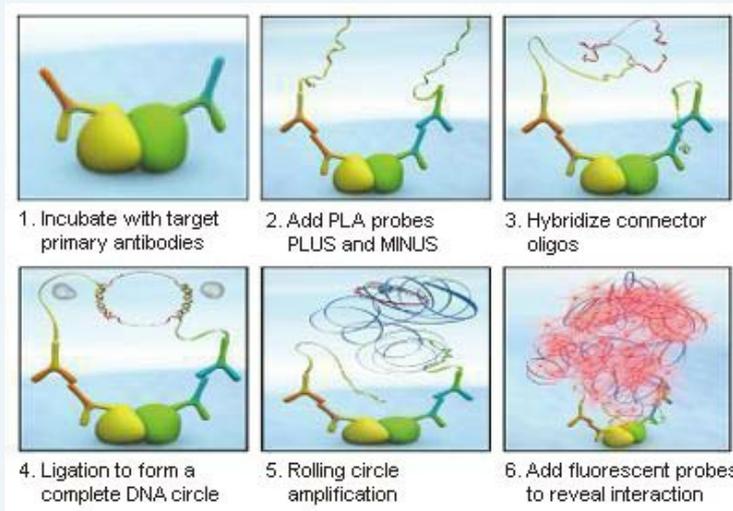
產品編號 #: DI0202

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 ICAM1 protein, and the other against the FGG protein for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

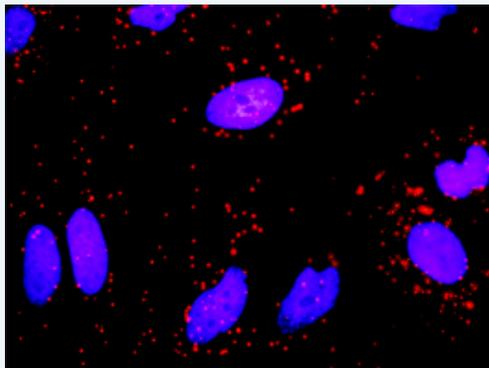


Application Image

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 ICAM1 and FGG. HeLa cells were stained with anti-ICAM1 rabbit purified polyclonal antibody 1:1200 and anti-FGG 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. ICAM1 rabbit purified polyclonal antibody (20 ug)
 2. FGG 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)

[FGG](#) [ICAM1](#)

Gene Information

Entrez GeneID: [3383](#)

Gene Name: ICAM1

Gene Alias: BB2,CD54,P3.58

Gene Description: intercellular adhesion molecule 1

Omim ID: [147840](#), [248310](#), [611162](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq]

Other Designations: cell surface glycoprotein P3.58,human rhinovirus receptor,intercellular adhesion molecule 1 (CD54), human rhinovirus receptor

Gene Information

Entrez GeneID: [2266](#)

Gene Name: FGG

Gene Alias: -

Gene Description: fibrinogen gamma chain

Omim ID: [134850](#)

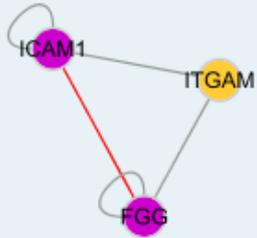
Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia. Alternative splicing results in two transcript variants encoding different isoforms.

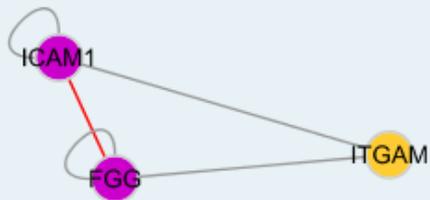
[provided by RefSeq]

Other Designations: fibrinogen, gamma chain, fibrinogen, gamma polypeptide

Interactome 1



Interactome 2



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