SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HLA-C FISH Probe

Catalog # : FA0164 **規格 :** [200 uL]

List All

Specification

Product Description:	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology)
Supplied Product:	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction:	Store at 4°C in the dark.
Origin:	Human
Source:	Genomic DNA
Notice:	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status:	For research use only (RUO)

Application Image

Fluorescent In Situ Hybridization (Cell)

Applications

Fluorescent In Situ Hybridization (Cell)

Protocol Download

Gene Information

Entrez GeneID:	3107
Gene Name:	HLA-C
Gene Alias:	D6S204,FLJ27082,HLA-Cw,HLA-Cw12,HLA-JY3,HLC-C,PSORS1
Gene Description:	major histocompatibility complex, class I, C
Omim ID:	142840, 177900
Gene Ontology:	Hyperlink
Gene Summary:	HLA-C belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domain, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. Polymorphisms within exon 2 and exon 3 are responsible for the peptide binding specificity of each class one

molecule. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. Over one hundred HLA-C alleles have been described [provided by RefSeq

Other Designations: HLA class I antigen,HLA class I heavy chain,HLA class I histocompatibility antigen, C alpha chain,HLA-C (Cw*1201),HLA-Cw*050x,MHC class I HLA-C,MHC class I HLA-Cw*0803,MHC class I antigen HLA-C,MHC class I antigen heavy chain HLA-C,MHC class I protein HLA

Gene Pathway

Allograft rejection Antigen processing and presentation Autoimmune thyroid disease Cell adhesion molecules (CAMs) Endocytosis Graft-versus-host disease Natural killer cell mediated cytotoxicity Type I diabetes mellitus

Related Disease

Abortion, Habitual Abortion, Spontaneous Acquired Immunodeficiency Syndrome Acute Disease Adenocarcinoma Alcoholism Alopecia Areata Alveolar Bone Loss Anemia, Aplastic Arthritis, Psoriatic Arthritis, Reactive Arthritis, Rheumatoid Asthma Asthma Autoimmune Diseases Behcet Syndrome beta-Thalassemia Bipolar Disorder Brain Neoplasms

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