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Product Information

Recombinant Human Anti-Human C1s Monoclonal Antibody

Cat. No.: **HOM-19234**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant humanized antibody expressed in CHO binding to human C1s.

Antigen Description

Complement component 1S (EC 3.4.21.42, C1 esterase, activated complement C1s, complement C overbar 1r) is a protein involved in the complement system.

Target

C1s

Species Reactivity

Human

Type

Human IgG

Expression Host

CHO

Clone

Monoclonal

Purity

>95.0% as determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

ELISA, WB, IHC, FCM, IP, IF. Optimal dilutions/concentrations should be determined by the end user.

Molecular Weight

145.41 kDa

Stability

Samples are stable for up to twelve months from date of receipt at - 20°C and are stable for six months at 4 °C.

Storage

Store it under sterile conditions at -20 °C upon receiving. Recommend to pack the antibody into smaller quantities for optimal storage.

Ship

2-8°C, BLUE ICE

ANTIGEN GENE INFOMATION

Gene Name

C1S complement component 1, s subcomponent [Homo sapiens]

Official Symbol

C1s

Synonyms

C1S; complement component 1, s subcomponent; complement C1s subcomponent; C1 esterase; basic proline-rich peptide IB-1; complement component 1 subcomponent s; FLJ44757;

Gene ID

716

mRNA Refseq

NM_001734

Protein Refseq

NP_001725

MIM

120580

UniProt ID

P09871

Chromosome Location

12p13

Pathway

Classical antibody-mediated complement activation, organism-specific biosystem; Complement Activation, Classical Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Creation of C4 and C2 activators, organism-specific biosystem;

Function

calcium ion binding; peptidase activity; serine-type endopeptidase activity;

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