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Product Information

Recombinant Anti-Human hpse Antibody

Cat. No.: **MOM-18377**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human HPSE, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Endoglycosidase which is a cell surface and extracellular matrix-degrading enzyme. Cleaves heparan sulfate proteoglycans (HSPGs) into heparan sulfate side chains and core proteoglycans. Also implicated in the extravasation of leukocytes and tumor cell lines. Due to its contribution to metastasis and angiogenesis, it is considered to be a potential target for anti-cancer therapies.

Specific Activity

Tested positive against native antigen.

Target

HPSE

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

Purity >95% by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut and most other immunological methods.

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

HPSE heparanase [Homo sapiens]

Official Symbol

HPSE

Synonyms

HPSE; heparanase; HPA; HPSE1; HSE1; heparanase-1; endo-glucoronidase; HPA1; HPR1

Gene ID

10855

mRNA Refseq

NM_006665

Protein Refseq

NP_006656

MIM

604724

UniProt ID

Q9Y251

Chromosome Location

4q21.3

Pathway

Glycosaminoglycan degradation, organism-specific biosystem; Glycosaminoglycan degradation, conserved biosystem; Heparan sulfate degradation, organism-specific biosystem; Heparan sulfate degradation, conserved biosystem; Metabolic pathways, organism-specific biosystem; Syndecan-1-mediated signaling events, organism-specific biosystem;

Function

beta-glucuronidase activity; cation binding; hydrolase activity, acting on glycosyl bonds; protein binding; protein dimerization activity; syndecan binding;

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