For Research Use Only

DSE Polyclonal antibody

Catalog Number:10452-1-AP 1 Publications

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Basic Information

Catalog Number:
10452-1-AP

Size:
150ul , Concentration: 350 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0695

GenBank Accession Number:
BC039245

GeneID (NCBI):
29940

UNIPROT ID:
Q9UL01

Full Name:
dermatan sulfate epimerase

Calculated MW:
958 aa, 110 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IHC: 1:50-1:500
IF-P: 1:50-1:500

Applications

Tested Applications:
IHC, IF-P, ELISA

Cited Applications:
IHC, IF

Species Specificity:
human

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human ovary tumor tissue,

IF-P : human ovary cancer tissue,

Background Information

DSE, also named as SART2 and DSEPI, is an enzyme that converts D-glucuronic acid to L-iduronic acid residues in dermatan sulphate biosynthesis. It is also identified to be a tumour-associated antigen. DSE is recognized by cytotoxic T cells (CTLs) and its enhanced expression in many cancers has been reported. DSE is a potential candidate for a tumour antigen with immunogenicity.

Notable Publications

Author	Pubmed ID	Journal	Application
Mizukoshi Eishiro E	22830596	Liver Int	IHC,IF

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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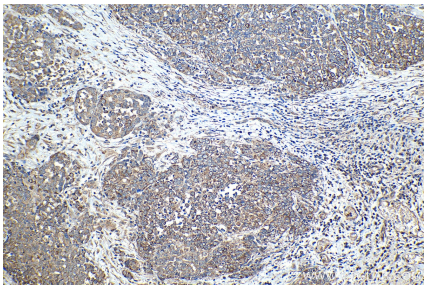
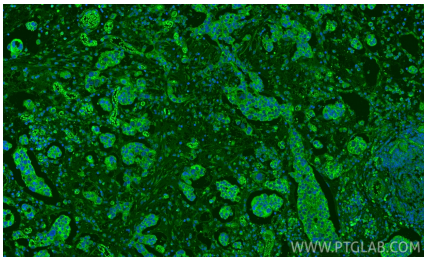
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 10452-1-AP (DSE antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human ovary cancer tissue using DSE antibody (10452-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).