For Research Use Only

ESD Monoclonal antibody, PBS Only

Catalog Number:67069-3-PBS

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Basic Information

Catalog Number:
67069-3-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG7487

GenBank Accession Number:
BC001169

GeneID (NCBI):
2098

UNIPROT ID:
P10768

Full Name:
esterase D/formylglutathione hydrolase

Calculated MW:
31 kDa

Observed MW:
31 kDa

Purification Method:
Protein G purification

CloneNo.:
3G1B5

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat, pig

Background Information

Esterase D (ESD) is a non-specific esterase widely distributed in various organisms and is also named S-Formylglutathione Hydrolase (SFGH). ESD is a member of the carboxylesterase family and has both carboxylesterase and thioesterase activities. ESD plays an important role in the process of glutathione-dependent detoxification, regulating cholesterol efflux and virus infection in humans, and is closely related to the development of tumors. ESD as a Genetic Marker for Retinoblastoma (PMID: 32247735, PMID: 34875997, PMID: 35627173). The calculated molecular weight of ESD is 31 kDa.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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)
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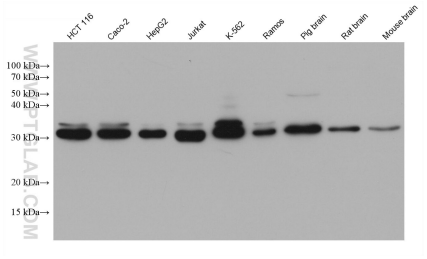
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67069-3-Ig (ESD antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67069-3-PBS in a different storage buffer formulation.