

For Research Use Only

ESD Monoclonal antibody, PBS Only

Catalog Number: 67069-2-PBS



Basic Information

Catalog Number: 67069-2-PBS	GenBank Accession Number: BC001169	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2098	CloneNo.: 2F5E1
Source: Mouse	UNIPROT ID: P10768	
Isotype: IgG1	Full Name: esterase D/formylglutathione hydrolase	
Immunogen Catalog Number: AG7487	Calculated MW: 31 kDa	
	Observed MW: 30-34 kDa	

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human

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

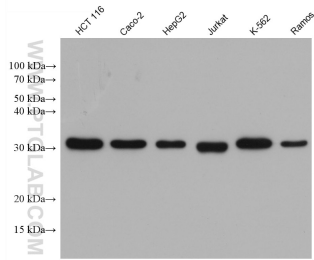
For technical support and original validation data for this product please contact:

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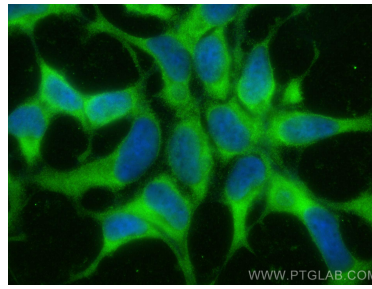
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67069-2-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 67069-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using ESD antibody (67069-2-Ig, Clone: 2F5E1) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). This data was developed using the same antibody clone with 67069-2-PBS in a different storage buffer formulation.