

For Research Use Only

PSMD3 Recombinant antibody

Catalog Number: 84928-2-RR



Basic Information

Catalog Number: 84928-2-RR	GenBank Accession Number: BC012302	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 5709	CloneNo.: 242470D4
Source: Rabbit	UNIPROT ID: O43242	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG	Full Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 3	
Immunogen Catalog Number: AG2684	Calculated MW: 534 aa, 61 kDa Observed MW: 61 kDa	

Applications

Tested Applications: WB, IHC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, HeLa cells, HEK-293 cells, U2OS cells, U-251 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon cancer tissue,

Background Information

PSMD3, encoding proteasome (prosome, macropain) 26S subunit, non-ATPase 3, a member of the 26S proteasome family. PSMD3 is expressed in most of the tissues according to the RNA-Seq database. It has been reported that PSMD3 genotypes are associated with white blood cell (WBC) and neutrophil counts and have interactions with dietary fatty acids and carbohydrates on glucose-related traits. PSMD3 is located at ch17q21 and encodes a protein with a molecular weight of 61 kDa (PMID: 31013812).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

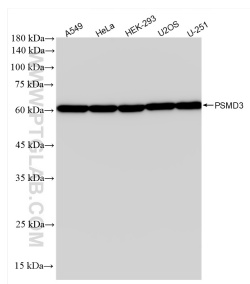
T: 4006900926

E: Proteintech-CN@ptglab.com

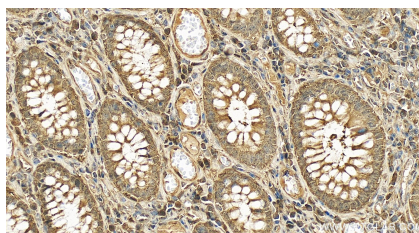
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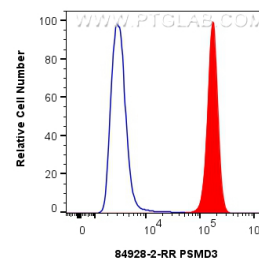
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84928-2-RR (PSMD3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 84928-2-RR (PSMD3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ A549 cells were intracellularly stained with 0.25 ug PSMD3 Recombinant antibody (84928-2-RR, Clone:242470D4) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).