

Anti-SMPD4 antibody (600-800) (STJ117668)

STJ117668

GENERAL INFORMATION

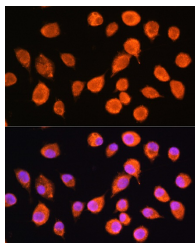
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

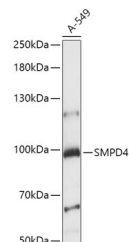
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:200-1:2000
Range	IF/CC:1:50-1:200
	ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	55627
Gene Symbol	SMPD4
Uniprot ID	NSMA3_HUMAN
Immunogen	
Immunogen Region	600-800
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 600-800 of human SMPD4 (NP_060421.2).
Immunogen Sequence	ITQAKHTAKSISDQCAESPA GHSFLSWLGFSSMDTNGSYT ANDLDEMGQDSVRKTDEYLE KALEYLRQIFRLSEAQLRQF TLALGTTQDENGKKQLPDCI VGEDGLITPLGRYQIINGL RRFEIEYQGDPQLPIRSYE IASLVRTLFRSSAINHRFA GQMAALCSRDDFLGSFCRYH LTEPLASRHLLSPVGRQV A



Immunofluorescence analysis of L929 cells using SMPD4 Rabbit polyclonal antibody (STJ117668) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from A-549 cells, using SMPD4 Rabbit polyclonal antibody (STJ117668) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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