

For Research Use Only

LASS2 Recombinant antibody, PBS Only

Catalog Number: 84514-4-PBS



Basic Information

Catalog Number: 84514-4-PBS	GenBank Accession Number: BC010032	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 29956	CloneNo.: 241898E11
Source: Rabbit	UNIPROT ID: Q96G23	
Isotype: IgG	Full Name: LAG1 homolog, ceramide synthase 2	
Immunogen Catalog Number: AG14151	Calculated MW: 380 aa, 45 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

LASS2, also known as TMSG1, is a novel suppressor of human cancer metastasis. As one member of LASS family, including LASS1-6, LASS2 mRNA is at the highest level of all LASS members, and has the broadest tissue distribution, particularly abundant in the liver, kidney and brain in mice. The biological roles of LASS2 include protection from aging , hepatic INS resistance, and hepatocellular carcinoma (HCC) progression. LASS2 has been correlated with the degree of invasion and recurrence of carcinomas of the prostate, liver, breast and bladder.

Storage

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

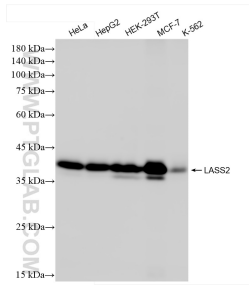
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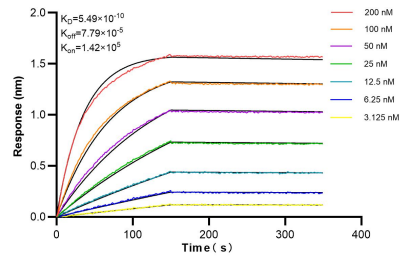
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84514-4-RR (LASS2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84514-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84514-4-RR against Human LASS2 were performed. The affinity constant is 0.549 nM.