

For Research Use Only

CARHSP1 Recombinant antibody, PBS Only

Catalog Number: 83300-2-PBS



Basic Information

Catalog Number: 83300-2-PBS	GenBank Accession Number: BC003366	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 23589	CloneNo.: 230489F3
Source: Rabbit	UNIPROT ID: Q9Y2V2	
Isotype: IgG	Full Name: calcium regulated heat stable protein 1, 24kDa	
Immunogen Catalog Number: AG2265	Calculated MW: 147 aa, 16 kDa	

Applications

Tested Applications:
IHC, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human

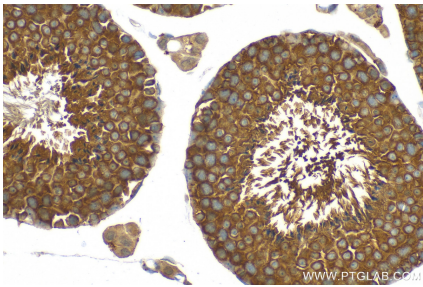
Storage

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

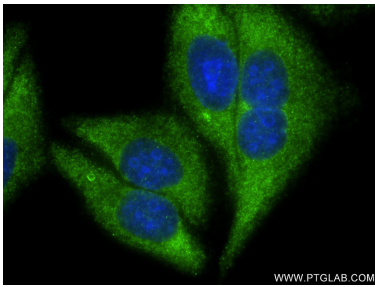
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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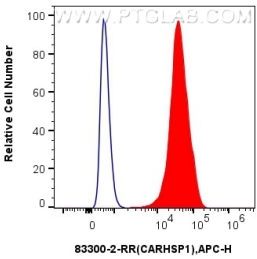
Selected Validation Data



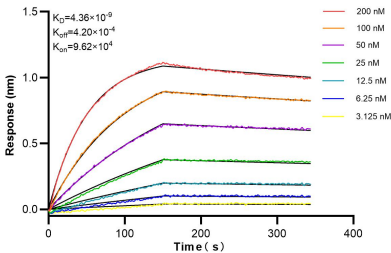
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 83300-2-RR (CARHSP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83300-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CARHSP1 antibody (83300-2-RR, Clone: 230489F3) at dilution of 1:250 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83300-2-PBS in a different storage buffer formulation.



1x10⁶ HepG2 cells were intracellularly stained with 0.25 ug CARHSP1 Recombinant antibody (83300-2-RR, Clone:230489F3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83300-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83300-2-RR against Human CARHSP1 were performed. The affinity constant is 4.36 nM.