

For Research Use Only

# SPR Recombinant antibody

Catalog Number: 85796-5-RR



## Basic Information

### Catalog Number:

85796-5-RR

### Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10395

### GenBank Accession Number:

BC017310

### GeneID (NCBI):

6697

### UNIPROT ID:

P35270

### Full Name:

sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase)

### Calculated MW:

261 aa, 28 kDa

### Observed MW:

28 kDa

### Purification Method:

Protein A purification

### CloneNo.:

243138A12

### Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Species Specificity:

human

### Positive Controls:

WB : K-562 cells, HepG2 cells, HeLa cells, MCF-7 cells, A-549 cells, human skeletal muscle tissue

IF/ICC : HepG2 cells,

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

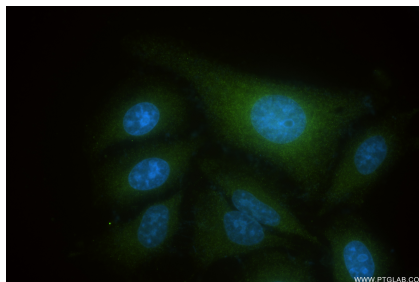
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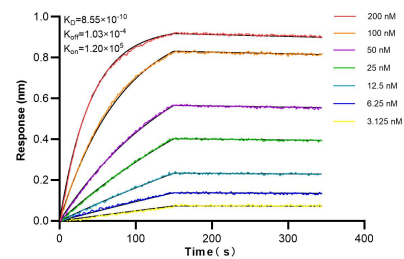
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## Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 85796-5-RR (SPR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SPR antibody (85796-5-RR, Clone: 243138A12 ) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 85796-5-RR against Human SPR were performed. The affinity constant is 0.855 nM.