

For Research Use Only

# Mouse FSTL1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02461-2**

## Capture Antibody Information

<b>Catalog Number:</b>	86444-1-PBS	<b>Clone ID:</b>	251240E12
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	human, mouse, rat
<b>Isotype:</b>	IgG	<b>Immunogen Catalog Number:</b>	Eg2859
<b>Purification Method:</b>	Protein A purification		

**Conjugate:**  
Unconjugated  
**Full name:**  
follistatin-like 1  
**Gene ID:**  
14314

## Detection Antibody Information

<b>Catalog Number:</b>	86444-3-PBS	<b>Clone ID:</b>	251240G4
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	mouse
<b>Isotype:</b>	IgG	<b>GenBank:</b>	NM_008047.5
<b>Purification Method:</b>	Protein A purification	<b>Immunogen Catalog Number:</b>	Eg2859

**Conjugate:**  
Unconjugated  
**Full name:**  
follistatin-like 1  
**Gene ID:**  
14314

## Applications

<b>Tested Applications:</b>	Range:	<b>Recommended Dilutions:</b>
Sandwich ELISA	97.7-6250 pg/mL (Sandwich ELISA)	It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02461-2 targets FSTL1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.  
Capture antibody: Mouse FSTL1 Recombinant monoclonal antibody, PBS Only (Capture) 86444-1-PBS (251240E12). 100 µg. Concentration 1 mg/ml.  
Detection antibody: Mouse Fstl1 Recombinant monoclonal antibody, PBS Only (Detector) 86444-3-PBS (251240G4). 100 µg. Concentration 1 mg/ml.  
Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.  
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.  
Antibody use should be optimized for each application and assay.

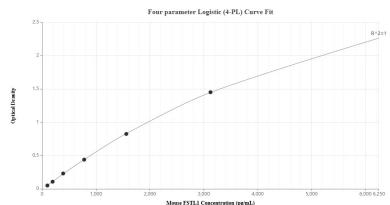
## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

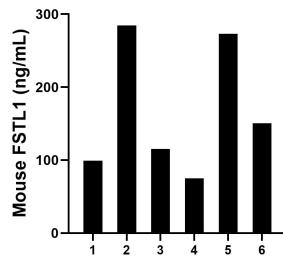
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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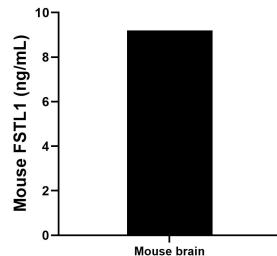
## Selected Validation Data



Sandwich ELISA standard curve of MP02461-2, Mouse FSTL1 Recombinant Matched Antibody Pair - PBS only. 86444-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2859. 86444-3-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL



Serum of six mice was measured. The mouse FSTL1 concentration of detected samples was determined to be 64.09 ng/mL with a range of 43.91 - 83.14 ng/mL



The mean FSTL1 concentration was determined to be 9.20 ng/mL in mouse brain tissue extract based on a 6.6 mg/mL extract load.