

For Research Use Only

# FSTL3/FLRG Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 83681-7-PBS



## Basic Information

|                                                             |                                                                 |                                                       |
|-------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>83681-7-PBS                       | <b>GenBank Accession Number:</b><br>NM_005860.3                 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>10272                                  | <b>CloneNo.:</b><br>261558H4                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>O95633-1                                  |                                                       |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>follistatin-like 3 (secreted glycoprotein) |                                                       |
| <b>Immunogen Catalog Number:</b><br>EG0949                  | <b>Calculated MW:</b><br>28 kDa                                 |                                                       |

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
human

## Product Information

83681-7-PBS targets FSTL3/FLRG as part of a matched antibody pair:

MP00667-3: 83681-7-PBS capture and 83681-6-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

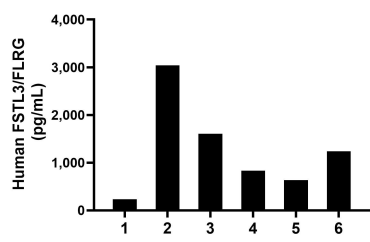
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

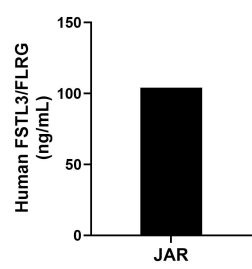
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

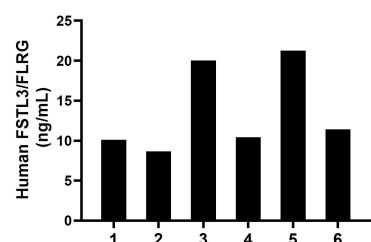
Selected Validation Data



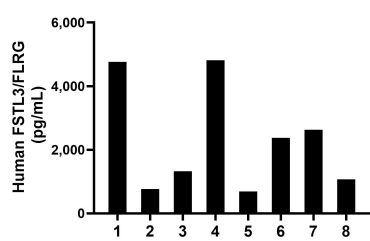
Human milk of six individual healthy human donors was measured. The FSTL3/FLRG concentration of detected samples was determined to be 1,264.3 pg/mL with a range of 236.8-3,038.7 pg/mL.



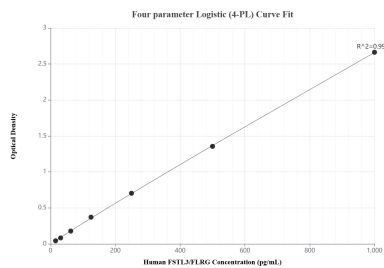
JAR cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 ug/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human FSTL3/FLRG, and measured 104.0 ng/mL.



Serum of six individual healthy human donors was measured. The FSTL3/FLRG concentration of detected samples was determined to be 13.6 ng/mL with a range of 8.6-21.3 ng/mL.



Urine of eight individual healthy human donors was measured. The FSTL3/FLRG concentration of detected samples was determined to be 2,304.7 pg/mL with a range of 690.2-4,816.2 pg/mL.



Sandwich ELISA standard curve of MP00667-3, Human FSTL3/FLRG Recombinant Matched Antibody Pair - PBS only. 83681-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0949. 83681-6-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL.