

For Research Use Only

# FBP1 Recombinant monoclonal antibody

Catalog Number: 87898-1-RR



## Basic Information

|                                                                |                                                    |                                                       |
|----------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>87898-1-RR                           | <b>GenBank Accession Number:</b><br>BC012927       | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>2203                      | <b>CloneNo.:</b><br>253535C2                          |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>P09467                       | <b>Recommended Dilutions:</b><br>WB: 1:5000-1:50000   |
| <b>Isotype:</b><br>IgG                                         | <b>Full Name:</b><br>fructose-1,6-bisphosphatase 1 |                                                       |
| <b>Immunogen Catalog Number:</b><br>AG3837                     | <b>Calculated MW:</b><br>338 aa, 37 kDa            |                                                       |
|                                                                | <b>Observed MW:</b><br>37 kDa                      |                                                       |

## Applications

|                                          |                                                                        |
|------------------------------------------|------------------------------------------------------------------------|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : RT-4 cells, HT-29 cells, MCF-7 cells |
| <b>Species Specificity:</b><br>human     |                                                                        |

## Background Information

FBP1 (Fructose-1,6-bisphosphatase 1) is also named as FBP and belongs to the FBPase class 1 family. It catalyzes the hydrolysis of fructose-1,6 bisphosphate to fructose-6-phosphate and inorganic phosphate. This reaction is an important regulatory site of gluconeogenesis. Defects in FBP1 are the cause of fructose-1,6-bisphosphatase deficiency (FBPD) (PMID:12126934).

## Storage

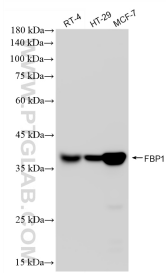
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

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



Various lysates were subjected to SDS PAGE followed by western blot with 87898-1-RR (FBP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.