

For Research Use Only

Rat Mmp9 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68695-1-PBS



Basic Information

| | | |
|--|---|---|
| Catalog Number: 68695-1-PBS | GenBank Accession Number: NM_031055.2 | Purification Method: Protein G purification |
| Size: 100ug , Concentration: 1mg/ml by Nanodrop; | GeneID (NCBI): 81687 | CloneNo.: 1B1C2 |
| Source: Mouse | Full Name: matrix metalloproteinase 9 | |
| Isotype: IgG1 | Calculated MW: 79kd | |
| Immunogen Catalog Number: EG0439 | | |

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
rat

Product Information

68695-1-PBS targets Mmp9 as part of a matched antibody pair:

MP50079-1: 68695-1-PBS capture and 68695-3-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

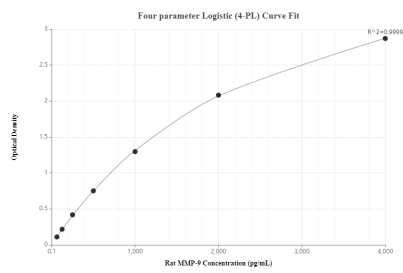
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

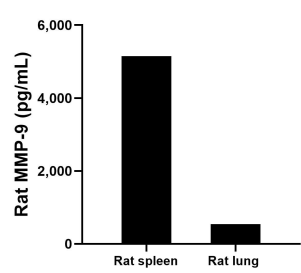
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

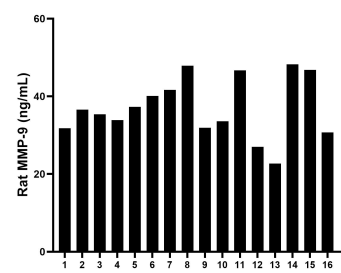
Selected Validation Data



Sandwich ELISA standard curve of MP50079-1, Rat Mmp9 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68695-1-PBS. Detection antibody: 68695-3-PBS. Standard: Eg0439. Range: 62.5-4000 pg/mL.



Rat spleen and lung tissues from one adult rat (chopped in 1-2 mm pieces in 30 mL of medium) were cultured in RPMI supplemented with 10% fetal bovine serum and 50 µM β-mercaptoethanol. Aliquots of the cell culture supernates were removed, assayed for levels of rat MMP-9, and measured 5,145.7 pg/mL and 540.2 pg/mL, respectively.



Serum of sixteen rats was measured. The MMP-9 concentration of detected samples was determined to be 37.0 ng/mL with a range of 22.7-48.2 ng/mL.