

For Research Use Only

# NSF Monoclonal antibody

Catalog Number: 68061-1-Ig **Featured Product**



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>68061-1-Ig                           | <b>GenBank Accession Number:</b><br>BC030613           | <b>Purification Method:</b><br>Protein A purification                 |
| <b>Size:</b><br>150ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>4905                          | <b>CloneNo.:</b><br>2B6H6   |
| <b>Source:</b><br>Mouse  | <b>Full Name:</b><br>N-ethylmaleimide-sensitive factor | <b>Recommended Dilutions:</b><br>WB 1:5000-1:50000<br>IF 1:300-1:1200 |
| <b>Isotype:</b><br>IgG2a                                       | <b>Calculated MW:</b><br>744 aa, 83 kDa                |   |
| <b>Immunogen Catalog Number:</b><br>AG15422                    | <b>Observed MW:</b><br>70-83 kDa                       |   |

## Applications

### Tested Applications:

IF, WB, ELISA

### Species Specificity:

Human, Pig, Rabbit, Rat, Mouse, Chicken

### Positive Controls:

**WB** : pig brain tissue, SH-SY5Y cells, PC-12 cells, HEK-293 cells, Rabbit brain tissue, Rat brain tissue, Mouse brain tissue, Chicken brain tissue

**IF** : mouse brain tissue,

## Background Information

### Storage

#### Storage:

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

#### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

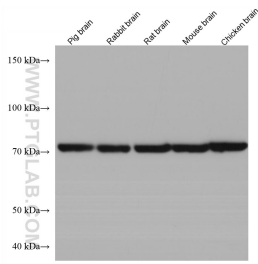
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

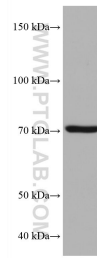
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

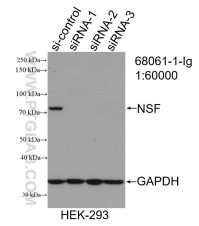
## Selected Validation Data



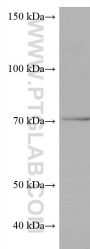
Various lysates were subjected to SDS PAGE followed by western blot with 68061-1-Ig (NSF antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



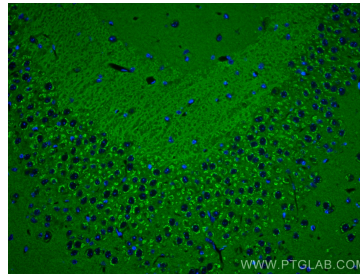
PC-12 cells were subjected to SDS PAGE followed by western blot with 68061-1-Ig (NSF antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of NSF antibody (68061-1-Ig; 1:60000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NSF transfected HEK-293 cells.



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 68061-1-Ig (NSF antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using NSF antibody (68061-1-Ig, Clone: 2B6H6 ) at dilution of 1:600 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).