

For Research Use Only

# BRE Monoclonal antibody

Catalog Number: 66356-1-Ig



## Basic Information

<b>Catalog Number:</b> 66356-1-Ig	<b>GenBank Accession Number:</b> BC001251	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 1800 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9577	<b>CloneNo.:</b> 2E5A5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9NXR7	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF-P 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Full Name:</b> brain and reproductive organ-expressed (TNFRSF1A modulator)	
<b>Immunogen Catalog Number:</b> AG2256	<b>Calculated MW:</b> 383 aa, 44 kDa	
	<b>Observed MW:</b> 42-47 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF-P, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, rat, mouse	<b>WB :</b> fetal human brain tissue, rat brain tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> mouse brain tissue, human gliomas tissue
	<b>IF-P :</b> mouse brain tissue,

## Background Information

BRE, also named as BRCC45, is a death receptor-associated antiapoptotic protein, which is also involved in DNA-damage repair, and K63-specific deubiquitination. BRE and its XIAP-sustaining mechanism could represent novel targets for anti-cancer therapy. BRE may regulate TNF-alpha signaling through its interactions with TNFRSF1A. It plays a role in homeostasis or cellular differentiation in cells of neural, epithelial and germline origins. BRE gene has four isoforms with MW 42-47 kDa.

## Storage

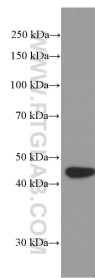
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

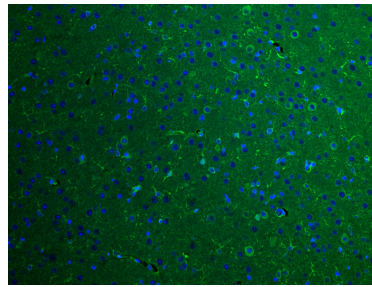
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

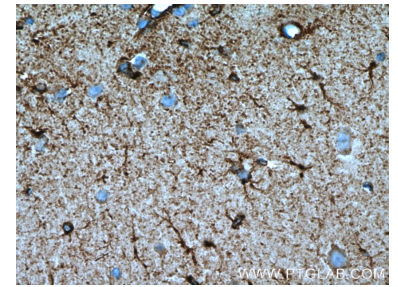
## Selected Validation Data



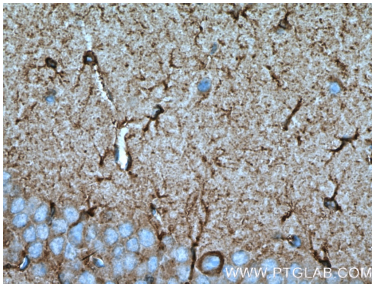
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66356-1-Ig (BRE Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using BRE antibody (66356-1-Ig, Clone: 2E5A5 ) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66356-1-Ig (BRE Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66356-1-Ig (BRE Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).