

# BRE Monoclonal antibody

Catalog Number: 66356-1-Ig

## Basic Information

Catalog Number:

66356-1-Ig

Size:

1800 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG2256

GenBank Accession Number:

BC001251

GeneID (NCBI):

9577

UNIPROT ID:

Q9NXR7

Full Name:

brain and reproductive organ-expressed (TNFRSF1A modulator)

Calculated MW:

383 aa, 44 kDa

Observed MW:

42-47 kDa

Purification Method:

Protein A purification

CloneNo.:

2E5A5

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF-P 1:50-1:500

## Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Species Specificity:

human, rat, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB: fetal human brain tissue, rat brain tissue

IHC: mouse brain tissue, human gliomas tissue

IF-P: 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:

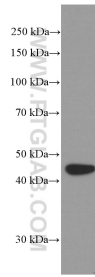
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

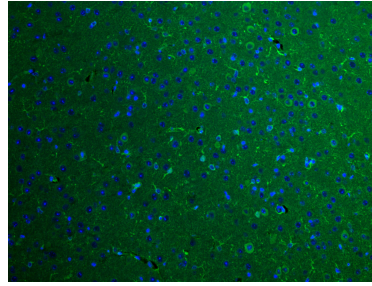
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

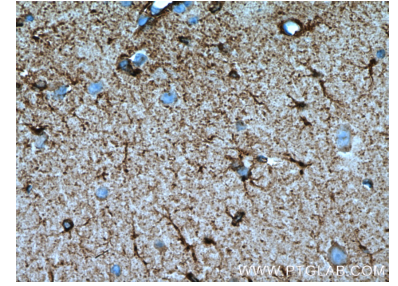
## Selected Validation Data



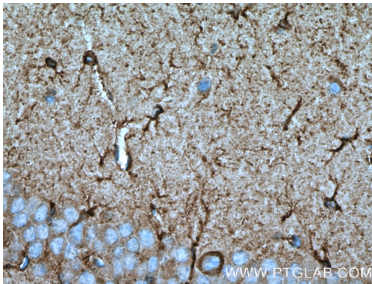
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66356-1-Ig (BRE Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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 AffiniPure 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).