

BRE Monoclonal antibody

Catalog Number: 66356-1-Ig

Basic Information

Catalog Number: 66356-1-Ig	GenBank Accession Number: BC001251	Purification Method: Protein A purification
Size: 1800 µg/ml	GeneID (NCBI): 9577	CloneNo.: 2E5A5
Source: Mouse	UNIPROT ID: Q9NXR7	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG2a	Full Name: brain and reproductive organ-expressed (TNFRSF1A modulator)	
Immunogen Catalog Number: AG2256	Calculated MW: 383 aa, 44 kDa	
	Observed MW: 42-47 kDa	

Applications

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

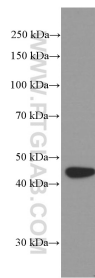
Background Information

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.

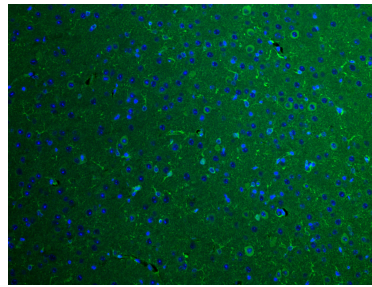
Storage

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

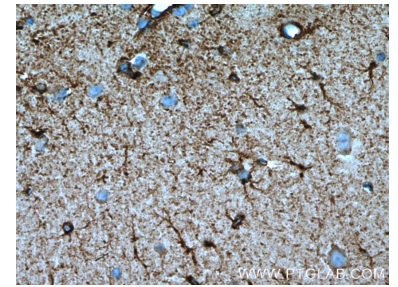
Selected Validation Data



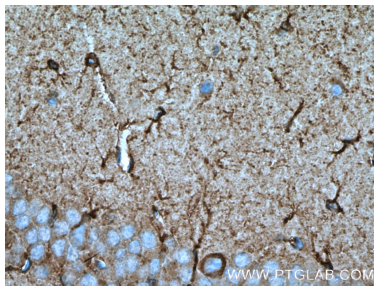
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66356-1-Ig (BRE Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).