

For Research Use Only

# CoraLite®594-conjugated BRE Monoclonal antibody

Catalog Number: CL594-66356



## Basic Information

<b>Catalog Number:</b> CL594-66356	<b>GenBank Accession Number:</b> BC001251	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9577	<b>CloneNo.:</b> 2E5A5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9NXR7	<b>Recommended Dilutions:</b> IF-P 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Full Name:</b> brain and reproductive organ-expressed (TNFRSF1A modulator)	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<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> IF-P, FC (Intra)	<b>Positive Controls:</b> IF-P: mouse brain tissue,
<b>Species Specificity:</b> human, mouse, rat	

## 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.

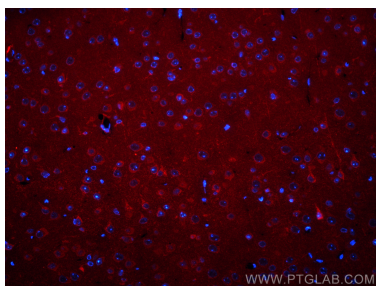
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

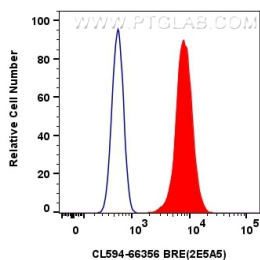
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® 594 BRE antibody (CL594-66356, Clone: 2E5A5 ) at dilution of 1:200.



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® 594-conjugated BRE Monoclonal antibody (CL594-66356, Clone:2E5A5)(red), or 0.4 ug CoraLite® 594 Mouse IgG2a isotype control (11A1B2) (CL594-66360-2, Clone: 11A1B2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).