



# BRAP mouse mAb

<b>Catalog No</b>	YP-Ab-04484
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Gene Name</b>	brap
<b>Protein Name</b>	
<b>Immunogen</b>	Purified recombinant human BRAP protein fragments expressed in E.coli.
<b>Specificity</b>	This antibody detects endogenous levels of BRAP and does not cross-react with related proteins.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb dilution 1:1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	3010002G07Rik;BRAP2;BRCA1 associated protein;EC 6.3.2.;Galectin 2 binding protein;IMP; Impedes mitogenic signal propagation;Renal carcinoma antigen NY REN 63; RING finger protein 52;RNF52;zgc:92894.
<b>Observed Band</b>	67kD
<b>Cell Pathway</b>	Cytoplasm .
<b>Tissue Specificity</b>	Expressed in breast epithelial cell lines.
<b>Function</b>	function:Negatively regulates MAP kinase activation by limiting the formation of Raf/MEK complexes probably by inactivation of the KSR1 scaffold protein. Also acts as a Ras responsive E3 ubiquitin ligase that, on activation of Ras, is modified by auto-polyubiquitination resulting in the release of inhibition of Raf/MEK complex formation. May also act as a cytoplasmic retention protein with a role in regulating nuclear transport..pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 1 UBP-type zinc finger.,subunit:Interacts with the nuclear localization signal of BRCA1 and with the N-terminal of KSR1. The C-terminal portion of BCRA1 interacts with DDB1.,tissue specificity:Expressed in breast epithelial cell lines.,
<b>Background</b>	The protein encoded by this gene was identified by its ability to bind to the nuclear localization signal of BRCA1 and other proteins. It is a cytoplasmic protein which may regulate nuclear targeting by retaining proteins with a nuclear



localization signal in the cytoplasm. [provided by RefSeq, Jul 2008],

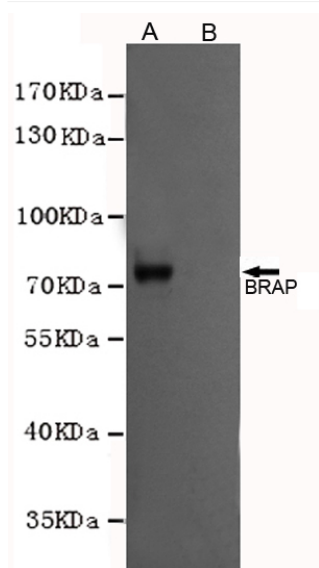
**matters needing attention**

Avoid repeated freezing and thawing!

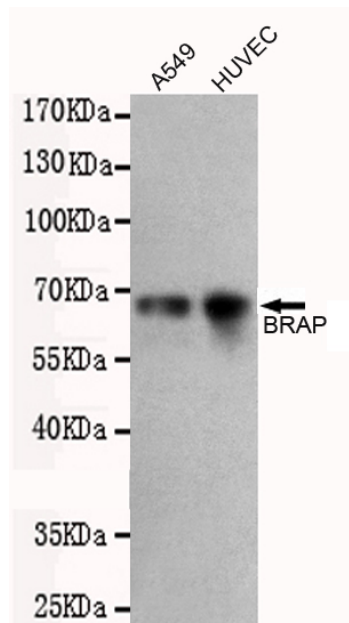
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot analysis of extracts from CHO-K1 cells, transfected with a human pFLAG-CMV2-BRAP construct (A) or transfected with a human pFLAG-CMV2 construct (B), using BRAP mouse mAb (1:1000 diluted).



Western blot detection of BRAP in A549 and HUVEC cell lysates using BRAP mouse mAb (1:500 diluted). Predicted band size: 67 kDa. Observed band size: 67 kDa.