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anti-BAD antibody (AA 69-168)

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Publications



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Overview

Quantity:	100 μg
Target:	BAD
Binding Specificity:	AA 69-168
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BAD antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant BAD.
lmmunogen:	BAD (AAH01901, 69 a.a. \sim 168 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	IRSRHSSYPA GTEDDEGMGE EPSPFRGRSR SAPPNLWAAQ RYGRELRRMS DEFVDSFKKG LPRPKSAGTA TQMRQSSSWT RVFQSWWDRN LGRGSSAPSQ
Clone:	3H8
Isotype:	lgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	BAD
Alternative Name:	BAD (BAD Products)
Background:	Full Gene Name: BCL2-associated agonist of cell death Synonyms: BBC2,BCL2L8
Gene ID:	572
Pathways:	MAPK Signaling, PI3K-Akt Signaling, RTK Signaling, Apoptosis, Fc-epsilon Receptor Signaling Pathway, Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis, Positive Regulation of Endopeptidase Activity, Regulation of Carbohydrate Metabolic Process, Hepatitis C, CXCR4-mediated Signaling Events

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
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Handling

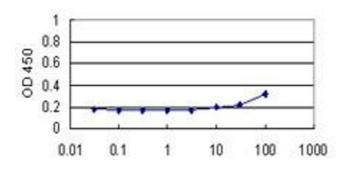
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:

Liu, Chen, Chau, Jan, Chen, Hsu, Lin, Juang, Lu, Cheng, Chen, Chang, Ting, Kao, Hsiao, Huang: " Analysis of protein-protein interactions in cross-talk pathways reveals CRKL protein as a novel prognostic marker in hepatocellular carcinoma." in: Molecular & cellular proteomics: MCP, Vol. 12, Issue 5, pp. 1335-49, (2013) (PubMed).

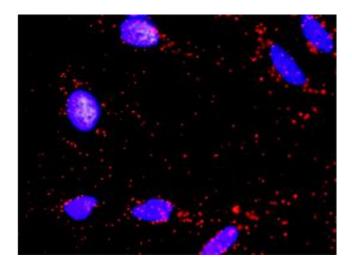
Gan, Chen, Zhong, Wang, Lam, Liu, Zhang, Zhou, Yu, Si, Wang, Jin: "ZIC1 is downregulated through promoter hypermethylation, and functions as a tumor suppressor gene in colorectal cancer." in: PLoS ONE, Vol. 6, Issue 2, pp. e16916, (2011) (PubMed).



Recombinant ProteinConcentration(ng/ml)

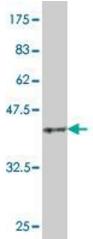
ELISA

Image 1. Detection limit for recombinant GST tagged BAD is approximately 30ng/ml as a capture antibody.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between AKT1 and BAD. HeLa cells were stained with anti-AKT1 rabbit purified polyclonal 1:1200 and anti-BAD mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Western Blotting

Image 3. Western Blot detection against Immunogen (36.63 KDa) .