

## Product Datasheet

### BACE1 Antibody (orb197803)

<b>Catalog Number</b>	orb197803
<b>Category</b>	Antibodies
<b>Description</b>	Mouse monoclonal antibody to BACE1
<b>Target</b>	BACE1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Concentration</b>	Approximately 1mg/ml (varies from batch to batch). Please inquire for precise concentration.
<b>Buffer/Preservatives</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Immunogen</b>	Purified recombinant fragment of human BACE1 (AA: 112-324) expressed in E. Coli.
<b>UniProt ID</b>	<b>P56817</b>
<b>MW</b>	55.7kDa
<b>Tested applications</b>	FC, ICC, WB
<b>Dilution range</b>	WB: 1/500 - 1/2000; IF/ICC: 1/200 - 1/1000; FCM: 1/200 - 1/400; ELISA: 1/10000
<b>Antibody Type</b>	Primary Antibody

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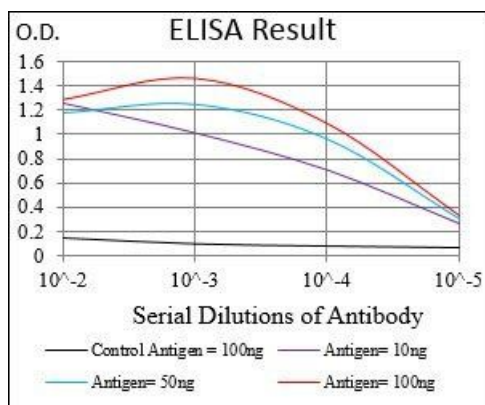
**Biorbyt LLC**

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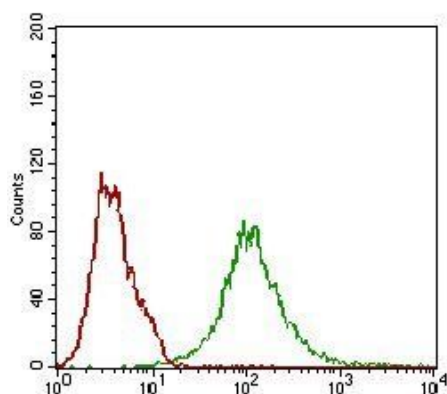
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<b>Clone Number</b>	3C1C3
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>23621</b>
<b>Expiration Date</b>	12 months from date of receipt.



Line graph illustrates about the Ag-Ab reactions using different concentrations of antigen and serial dilutions of BACE1 antibody



Flow cytometric analysis of Hela cells lysates using BACE1 antibody

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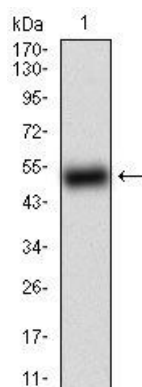
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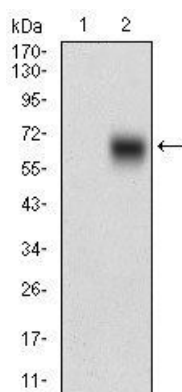
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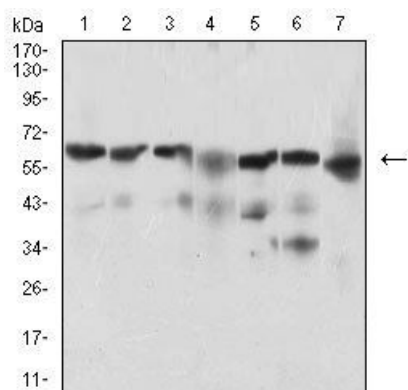
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Western blot analysis of human BACE1 using BACE1 antibody



Western blot analysis of HEK293 (Lane 1) HEK293 (Lane 2) cell lysate using BACE1 antibody



Western blot analysis of HeLa (Lane 1), SK-N-SH (Lane 2), HepG2 (Lane 3), C6 (Lane 4), PC-12 (Lane 5), PANC-1 (Lane 6), NIH/3T3 (Lane 7) cell lysate using BACE1 antibody

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