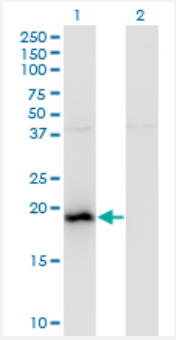
BAALC monoclonal antibody (M01), clone 2A2

Catalog # H00079870-M01 Size 100 ug

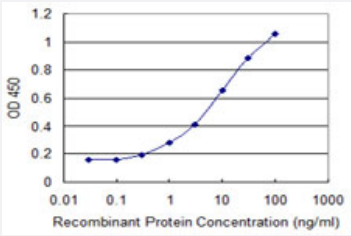
Applications



Western Blot (Transfected lysate)

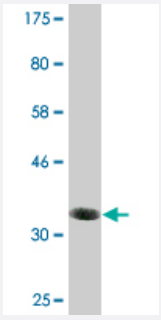
Western Blot analysis of BAALC expression in transfected 293T cell line by BAALC monoclonal antibody (M01), clone 2A2.

Lane 1: BAALC transfected lysate (Predicted MW: 15.6 KDa).
Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BAALC is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.09 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant BAALC.

Immunogen	BAALC (NP_079088.1, 61 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PSNGVPRSTAPGGIPNPEKKTNCETQCPNPQSLSSGPLTQKQNGLQTTEAKRDAKRMPAKEVTI NVTDSIQQMDRSRRITKNCVN
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.09 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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  Lane 2: Non-transfected lysate.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged BAALC is 0.1 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — BAALC

Entrez GeneID	79870
GeneBank Accession#	NM_024812

Protein Accession#	NP_079088.1
Gene Name	BAALC
Gene Alias	FLJ12015
Gene Description	brain and acute leukemia, cytoplasmic
Omim ID	606602
Gene Ontology	Hyperlink
Gene Summary	This gene was identified by gene expression studies in patients with acute myeloid leukemia (AML). The gene is conserved among mammals and is not found in lower organisms. Tissues that express this gene develop from the neuroectoderm. Multiple alternatively spliced transcript variants that encode different proteins have been described for this gene; however, some of the transcript variants are found only in AML cell lines. [provided by RefSeq
Other Designations	-

Publication Reference

- iTRAQ-based proteomics reveals novel biomarkers of osteoarthritis.

  Ikeda D, Ageta H, Tsuchida K, Yamada H.

  Biomarkers 2013 Nov; 18(7):565.

  Application: WB-Ti, Human, Articular cartilage