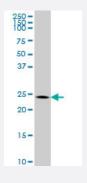


# BCAS2 monoclonal antibody (M01), clone 1D10

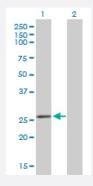
Catalog # H00010286-M01 Size 100 ug

# **Applications**



#### Western Blot (Cell lysate)

BCAS2 monoclonal antibody (M01), clone 1D10 Western Blot analysis of BCAS2 expression in K-562 ( Cat # L009V1 ).

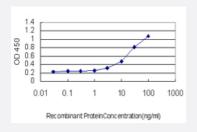


#### Western Blot (Transfected lysate)

Western Blot analysis of BCAS2 expression in transfected 293T cell line by BCAS2 monoclonal antibody (M01), clone 1D10.

Lane 1: BCAS2 transfected lysate(26.1 KDa).

Lane 2: Non-transfected lysate.



## Sandwich ELISA (Recombinant protein)

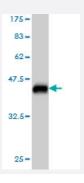
Detection limit for recombinant GST tagged BCAS2 is approximately 1ng/ml as a capture antibody.





## RNAi Knockdown (Antibody validated)

Western blot analysis of BCAS2 over-expressed 293 cell line, cotransfected with BCAS2 Validated Chimera RNAi ( Cat # H00010286-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with BCAS2 monoclonal antibody (M01), clone 1D10 (Cat # H00010286-M01 ). GAPDH (  $36.1 \, \text{kDa}$  ) used as specificity and loading control.



Western Blot detection against Immunogen (37.84 KDa).

Specification	
Product Description	Mouse monoclonal antibody raised against a partial recombinant BCAS2.
Immunogen	BCAS2 (NP_005863, 116 a.a. ~ 225 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HQAVRIENLELMSQHGCNAWKVYNENLVHMIEHAQKELQKLRKHIQDLNWQRKNMQLTAGSKLR EMESNWVSLVSKNYEIERTIVQLENEIYQIKQQHGEANKENIRQDF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (99)
Isotype	lgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Cell lysate)

BCAS2 monoclonal antibody (M01), clone 1D10 Western Blot analysis of BCAS2 expression in K-562 ( Cat # L009V1 ).

**Protocol Download** 

Western Blot (Transfected lysate)

Western Blot analysis of BCAS2 expression in transfected 293T cell line by BCAS2 monoclonal antibody (M01), clone 1D10.

Lane 1: BCAS2 transfected lysate(26.1 KDa).

Lane 2: Non-transfected lysate.

**Protocol Download** 

Western Blot (Recombinant protein)

**Protocol Download** 

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BCAS2 is approximately 1ng/ml as a capture antibody.

**Protocol Download** 

- ELISA
- RNAi Knockdown (Antibody validated)

Western blot analysis of BCAS2 over-expressed 293 cell line, cotransfected with BCAS2 Validated Chimera RNAi ( Cat # H00010286-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with BCAS2 monoclonal antibody (M01), clone 1D10 (Cat # H00010286-M01). GAPDH ( 36.1 kDa) used as specificity and loading control.

**Protocol Download** 

Gene Info — BCAS2	
Entrez GenelD	10286
GeneBank Accession#	<u>NM_005872</u>
Protein Accession#	NP_005863
Gene Name	BCAS2
Gene Alias	DAM1



#### **Product Information**

Gene Description	breast carcinoma amplified sequence 2
Omim ID	605783
Gene Ontology	<u>Hyperlink</u>
Gene Summary	amplified in breast cancer
Other Designations	OTTHUMP00000013668 spliceosome associated protein, amplified in breast cancer

# Publication Reference

• A Quantitative Proteomic Analysis Uncovers the Relevance of CUL3 in Bladder Cancer Aggressiveness.

Grau L, Luque-Garcia JL, Gonzalez-Peramato P, Theodorescu D, Palou J, Fernandez-Gomez JM, Sanchez-Carbayo M. PLoS One 2013 Jan; 8(1):e53328.

Application: WB, Human, Bladder cancer cells T24, T24T