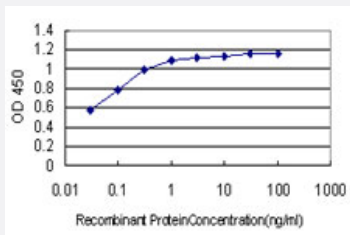


BCL9 monoclonal antibody (M01), clone 2D4

Catalog # H00000607-M01

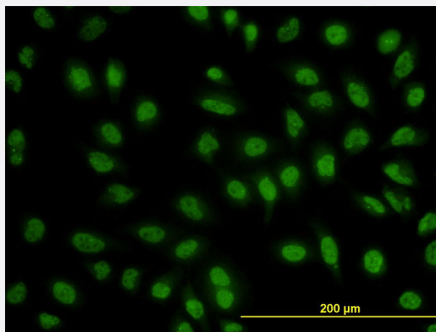
Size 100 ug

Applications



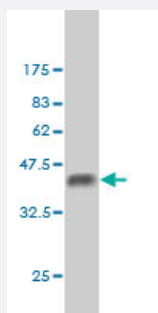
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BCL9 is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to BCL9 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant BCL9.

Immunogen	BCL9 (NP_004317, 1036 a.a. ~ 1135 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DDDSPPARSPNLPSMNNMPGMGINTQNPRISGPNPVVPMPTLSPMGMTQPLSHSNQMPSPNNAV GPNIPPHGVPMGPGLMSHNPIMGHGSQEPPMVPQGRM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BCL9 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to BCL9 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — BCL9

Entrez GeneID	607
GeneBank Accession#	NM_004326

Protein Accession#	NP_004317
Gene Name	BCL9
Gene Alias	LGS, MGC131591
Gene Description	B-cell CLL/lymphoma 9
Omim ID	602597
Gene Ontology	Hyperlink
Gene Summary	BCL9 is associated with B-cell acute lymphoblastic leukemia. It may be a target of translocation i n B-cell malignancies with abnormalities of 1q21. Its function is unknown. The overexpression of B CL9 may be of pathogenic significance in B-cell malignancies. [provided by RefSeq
Other Designations	OTTHUMP00000015909

Publication Reference

- [A novel \$\beta\$ -catenin/BCL9 complex inhibitor blocks oncogenic Wnt signaling and disrupts cholesterol homeostasis in colorectal cancer.](#)

Helen Tanton, Tomasz Sewastianik, Hyuk-Soo Seo, David Remillard, Roodolph St Pierre, Pratyusha Bala, Daulet Aitymbayev, Peter Dennis, Keith Adler, Ezekiel Geffken, Zoe Yeoh, Nicholas Vangos, Filip Garbicz, David Scott, Nilay Sethi, James Bradner, Sirano Dhe-Paganon, Ruben D Carrasco.

Science Advances 2022 Apr; 8(17):eabm3108.

Application: WB, Human, Colo320, HCT116 cells

- [BCL9 provides multi-cellular communication properties in colorectal cancer by interacting with paraspeckle proteins.](#)

Jiang M, Kang Y, Sewastianik T, Wang J, Tanton H, Alder K, Dennis P, Xin Y, Wang Z, Liu R, Zhang M, Huang Y, Loda M, Srivastava A, Chen R, Liu M, Carrasco RD.

Nature Communications 2020 Jan; 11(1):19.

Application: IP, WB-Ce, WB-Tr, Human, Colo320, DLD-1, LS174T, RKO, SW620 cells

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)

- [Edema](#)
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