

## BCL2L12 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant BCL2L12. Catalog # AT1283a

# **Specification**

# BCL2L12 Antibody (monoclonal) (M01) - Product Information

**Application** WB, IF **Primary Accession Q9HB09** Other Accession BC007724 Reactivity Human Host mouse Clonality **Monoclonal** Isotype IgG1 Kappa Calculated MW 26908

# BCL2L12 Antibody (monoclonal) (M01) - Additional Information

#### **Gene ID 83596**

### **Other Names**

Bcl-2-like protein 12, Bcl2-L-12, Bcl-2-related proline-rich protein, BCL2L12, BPR

### Target/Specificity

BCL2L12 (AAH07724, 174 a.a.  $\sim$  273 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

# **Dilution**

WB~~1:500~1000 IF~~1:50~200

## **Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2.

#### Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

#### **Precautions**

BCL2L12 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

### **BCL2L12 Antibody (monoclonal) (M01) - Protocols**

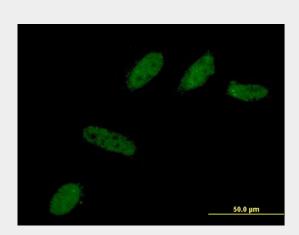
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

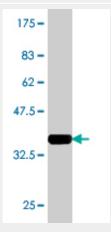


- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# BCL2L12 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to BCL2L12 on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa).

# BCL2L12 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein contains a Bcl-2 homology domain 2 (BH2). The function of this gene has not yet been determined. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

# BCL2L12 Antibody (monoclonal) (M01) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.Molecular analysis and prognostic impact of the novel apoptotic gene





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BCL2L12 in gastric cancer. Florou D, et al. Biochem Biophys Res Commun, 2010 Jan 1. PMID 19903463.BCL2L12A localizes to the cell nucleus and induces growth inhibition through G2/M arrest in CHO cells. Hong Y, et al. Mol Cell Biochem, 2010 Jan. PMID 19763795. Molecular response of HL-60 cells to mitotic inhibitors vincristine and taxol visualized with apoptosis-related gene expressions, including the new member BCL2L12. Thomadaki H, et al. Ann N Y Acad Sci, 2009 Aug. PMID 19723066.