

Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06444 - Goat Anti-BCL2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OTTHUMP00000163680, B-cell lymphoma protein 2, B-cell CLL/lymphoma 2, Bcl-2, BCL2

Official Symbol: BCL2

Accession Number(s): NP_000624.2; NP_000648.2

Human GeneID(s): [596](#)

Non-Human GeneID(s): 12043 (mouse), 24224 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_000624; NP_000648)

Immunogen

Peptide with sequence AGRTGYDNREIVMKYC, from the N Terminus of the protein sequence according to NP_000624.2; NP_000648.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 25 kDa band observed in Human Lymph node lysates (predicted MW of 26kDa according to NP_000624, alpha isoform). Recommended for use at 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

Specific References

The goat polyclonal antibody used in this paper was manufactured by us:

Yu XQ, Xue CC, Zhou ZW, Li CG, Zhou SF.

Tanshinone IIB, a primary active constituent from *Salvia miltiorrhiza*, exerts neuroprotective effect via inhibition of neuronal apoptosis in vitro.

Phytother Res. 2008 Jun;22(6):846-50.

PMID: 18389485

The goat polyclonal antibody used in this paper was manufactured by us:

Yu XQ, Xue CC, Zhou ZW, Li CG, Du YM, Liang J, Zhou SF.

In vitro and in vivo neuroprotective effect and mechanisms of glabridin, a major active isoflavan from *Glycyrrhiza glabra* (licorice).

Life Sci. 2008 Jan 2;82(1-2):68-78. Epub 2007 Nov 7.

PMID: 18048062



EB06444 staining (1 μ g/ml) of Human Lymph Node lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.