Anti-BCL2 [bcl-2/90]

Catalogue number: 151408
Sub-type: Primary antibody
Images:

Contributor

Inventor: Jacqueline Cordell
Institute: University of Oxford
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-BCL2 [bcl-2/90]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: The pro-survival protein BCL2 derives its name from B-cell lymphoma 2, as it is the second member of a range of proteins initially described in chromosomal translocations involving chromosomes 14 and 18 in follicular lymphomas. Damage to the Bcl-2 gene has been identified as a cause of a number of cancers, including melanoma, breast, prostate, chronic lymphocytic leukemia, and lung cancer, and a possible cause of schizophrenia and autoimmunity. It is also a cause of resistance to cancer treatments.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Synthetic peptide of amino acids 41-54 of human bcl-2 oncoprotein
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:

Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Bcl2

Target alternate names:

Target background: The pro-survival protein BCL2 derives its name from B-cell lymphoma 2, as it is the second member of a range of proteins initially described in chromosomal translocations involving chromosomes 14 and 18 in follicular lymphomas. Damage to the Bcl-2 gene has been identified as a cause of a number of cancers, including melanoma, breast, prostate, chronic lymphocytic leukemia, and lung cancer, and a possible cause of schizophrenia and autoimmunity. It is also a cause of resistance to cancer treatments.

Molecular weight:

Ic50:

Applications

Application: IHC ; WB
Application notes:

Handling

Format: Liquid
Concentration: 0.9-1.1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Shimono et al. 2018. Am J Surg Pathol. 42(11):1466-1471. PMID: 30307409. ; Nanni et al. 2018. Mol Cell Biol. 38(13):. PMID: 29685904. ; Pricartet al. 2017. Medicine (Baltimore). 96(47):e8705. PMID: 29381956. ; Chang et al. 2016. J Formos Med Assoc. :. PMID: 27773559. ; Ishiguro et al. 2016. Hum Cell. :. PMID: 27613543. ; Otali et al. 2016. Biotech Histochem. :1-18. PMID: 27149658. ; Cortese et al. 2016. Neurology. :. PMID: 26843560. ; Miltiades et al. 2015. Clin Cancer Res. :. PMID: 26700206. ; Tajima et al. 2015. Int J Clin Exp Pathol. 8(3):3262-9. PMID: 26045850. ; Pankova et al. 2015. Tumour Biol. :. PMID: 26456960. ; Miyagi Maeshima et al. 2015. J Clin Exp Hematop. 55(1):7-11. PMID: 26106000. ; Huo et al. 2015. Diagn Pathol. 10:80. PMID: 26112006. ; Higashi et al. 2015. Leuk Lymphoma. :1-6. PMID: 25860238. ; Navratil et al. 1995. J Clin Pathol. 48(1):18-21. PMID: 7706514. ; Ashton-Key et al. 1995. Histopathology. 26(1):75-8. PMID: 7713486. ; Piris et al. 1994. Br J Cancer. 69(2):337-41. PMID: 8297731. ; Leek et al. 1994. Br J Cancer. 69(1):135-9. PMID: 8286195. ; de Jong et al. 1994. Cancer Res. 54(1):256-60. PMID: 8261449. ; Pezzella et al. 1993. N Engl J Med. 329(10):690-4. PMID: 8393963. ; Doussis et al. 1993. Am J Clin Pathol. 99(6):663-7. PMID: 8322700. ; Pezzella et al. 1993. Histopathology. 22(1):39-44. PMID: 8436340. ; Gaulard et al. 1992. Am J Pathol. 140(5):1089-95. PMID: 1374590. ; Pezzella et al. 1992. Br J Cancer. 65(1):87-9. PMID: 1733447. ; ; Pezzella et al. 1990. Lancet. 336(8729):1510-1. PMID: 1979117.