Anti-Biotin [BK-1/39] rAb

Catalogue number: 154806
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: Absolute Antibody; University of Oxford
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Biotin [BK-1/39] rAb

Alternate name:

Class: Recombinant
Conjugate: Unconjugated
Description: Anti-Biotin antibodies can be used to detect both biotinylated proteins and nucleic acids. Biotin is a water-soluble vitamin, generally classified as a B-complex vitamin. After the initial discovery of biotin, nearly forty years of research were required to establish it as a vitamin. Biotin is required by all organisms but can only be synthesized by bacteria, yeasts, molds, algae, and some plant species.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Biotin conjugated to keyhole limpet haemocyanin
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: Biotin

Target alternate names:

Target background: Anti-Biotin antibodies can be used to detect both biotinylated proteins and nucleic acids. Biotin is a water-soluble vitamin, generally classified as a B-complex vitamin. After the initial discovery of biotin, nearly forty years of research were required to establish it as a vitamin. Biotin is required by all organisms but can only be synthesized by bacteria, yeasts, molds, algae, and some plant species.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; WB
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS (0.1 M) + 0.5 M imidazole at pH 7.4 + 0.05 % ProClin300^{TM}. This product was purified using affinity chromatography (protein A).
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: 18 translocation as prognostic markers in follicular lymphoma. ; 18 translocation. ; A standard tissue as a control for histochemical and immunohistochemical staining. ; An immunocytochemical study of p53 and bcl-2 protein expression in Hodgkin's disease. ; Ashton-Key et al. 1995. Histopathology. 26(1):75-8. PMID: 7713486. ; bcl-2 in normal human breast and carcinoma, association with oestrogen receptor-positive, epidermal growth factor receptor-negative tumours and in situ cancer. ; Bcl-2 protein expression in follicular lymphomas in absence of 14 ; bcl-2 protein in non-small-cell lung carcinoma. ; Chang et al. 2016. J Formos Med Assoc. :. PMID: 27773559. ; Cortese et al. 2016. Neurology. :. PMID: 26843560. ; Cutaneous adverse events in multiple sclerosis patients treated with daclizumab. ; Cystic synovial sarcoma of the pleura mimicking a cystic thymoma: a case report illustrating the role of decreased INI-1 expression in differential diagnosis. ; de Jong et al. 1994. Cancer Res. 54(1):256-60. PMID: 8261449. ; Doussis et al. 1993. Am J Clin Pathol. 99(6):663-7. PMID: 8322700. ; Evaluation of bcl-2 protein expression and 14 ; Expression of the bcl-2 gene product in follicular lymphoma. ; Expression of the bcl-2 protein in B cell lymphomas arising from mucosa associated lymphoid tissue. ; Gaulard et al. 1992. Am J Pathol. 140(5):1089-95. PMID: 1374590. ; Heterogeneity of bcl-2 expression in MALT lymphoma. ; Higashi et al. 2015. Leuk Lymphoma. :1-6. PMID: 25860238. ; Histopathological Characteristics of Lymphomas in the Upper Aerodigestive Tract. A Single-Institute Study in Japan. ; Huo et al. 2015. Diagn Pathol. 10:80. PMID: 26112006. ; Immunohistochemical detection of p53 and bcl-2 proteins in non-Hodgkin's lymphoma. ; Immunophenotypic and genetic characteristics of diffuse large B-cell lymphoma in Taiwan. ; Investigation of causative agents of bovine respiratory tract disease in a beef cow-calf herd with an early weaning program. ; Ishiguro et al. 2016. Hum Cell. :. PMID: 27613543. ; Leek et al. 1994. Br J Cancer. 69(1):135-9. PMID: 8286195. ; Lehmkuhl et al. 1977. Am J Vet Res. 38(11):1717-20. PMID: 201196. ; Loss of HLA-DR expression is related to tumor microenvironment and predicts adverse outcome in diffuse large B-cell lymphoma. ; Miltiades et al. 2015. Clin Cancer Res. :. PMID: 26700206. ; Miyagi Maeshima et al. 2015. J Clin Exp Hematop. 55(1):7-11. PMID: 26106000. ; Molecular cytogenetic characterization of two established ESFT cell lines. ; Navratil et al. 1995. J Clin Pathol. 48(1):18-21. PMID: 7706514. ; Otali et al. 2016. Biotech Histochem. :1-18. PMID: 27149658. ; p53 and bcl-2 expression in high-grade B-cell lymphomas: correlation with survival time. ; Pankova et al. 2015. Tumour Biol. :. PMID: 26456960. ; Pezzella et al. 1990. Lancet. 336(8729):1510-1. PMID: 1979117. ; Pezzella et al. 1992. Br J Cancer. 65(1):87-9. PMID: 1733447. ; Pezzella et al. 1993. Histopathology. 22(1):39-44. PMID: 8436340. ; Pezzella et al. 1993. N Engl J Med. 329(10):690-4. PMID: 8393963. ; Piris et al. 1994. Br J Cancer. 69(2):337-41. PMID: 8297731. ; Primary synovial sarcoma of the right heart involving the tricuspid valve in an elderly Chinese woman: a case report. ; Recurrence of squamous cell lung carcinoma is associated with the co-presence of reactive lesions in tumor-adjacent bronchial epithelium. ; Subcellular localization of the bcl-2 protein in malignant and normal lymphoid cells. ; Tajima et al. 2015. Int J Clin Exp Pathol. 8(3):3262-9. PMID: 26045850. ; The Stat3/5 Signaling Biosignature in Hematopoietic Stem/Progenitor Cells Predicts Response and Outcome in Myelodysplastic Syndrome Patients Treated with Azacitidine.