

Rabbit Anti-Bcl-6 Repressor/BCOR [MD421R]: RM0470, RM0470RTU7

Intended Use: For Research Use Only

Description: Bcl-6, a POZ/zinc finger transcriptional repressor, promotes or inhibits apoptosis depending on the cell type and plays an important role in normal immune responses. Aberrant expression of Bcl-6 due to chromosomal translocations is implicated in certain subtypes of non-Hodgkin's lymphoma. BCOR, a novel Bcl-6 corepressor located on chromosome X, in the Xp11.4 locus, functions as a corepressor when tethered to DNA and, when overexpressed, can potentiate Bcl-6 repression. Specific class I and II histone deacetylases (HDACs) interact in vivo with BCoR, suggesting that BCoR may functionally link these two classes of HDACs. BCOR may have a role in Bcl-6-associated lymphomas. Various BCOR aberrations represent driver elements of various sarcomas such as clear cell sarcoma of the kidney, primitive mesenchymal myxoid tumor of infancy, small round blue cell sarcoma, endometrial stromal sarcoma and histologically heterogeneous CNS neoplasms group with similar genomic methylation patterns known as CNS-HGNET-BCOR. Furthermore, other BCOR alterations (often loss of function mutations) recur in a large variety of mesenchymal, epithelial, neural and hematological tumors, suggesting a central role in cancer evolution.

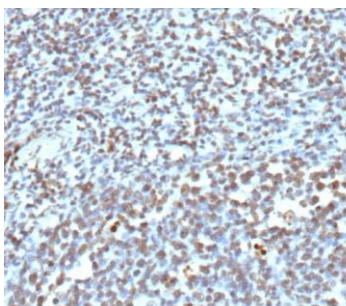
Specifications:

Clone:	MD421R
Source:	Rabbit
Isotype:	IgG
Reactivity:	Human
Immunogen:	Recombinant fragment aa 1-300 of human BCOR protein
Localization:	Nucleus
Formulation:	Purified antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN ₃)
Storage:	Store at 2°- 8°C
Applications:	IHC, WB
Package:	

Description	Catalog No.	Size
Bcl-6 Repressor/BCOR [MD421R] Concentrated	RM0470	1 ml
Bcl-6 Repressor/BCOR [MD421R] Prediluted	RM0470RTU7	7 ml

IHC Procedure*:

Positive Control Tissue:	Angiosarcoma, cervix, prostate, testis, TCC
Concentrated Dilution:	25-200
Pretreatment:	Tris EDTA pH9.0, 15 minutes Pressure Cooker or 30-60 minutes water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual
* Result should be confirmed by an established diagnostic procedure.	



FFPE human tonsil stained with anti-BCOR using DAB

References:

1. BCOR is a Robust Diagnostic Immunohistochemical Marker of Genetically Diverse High-Grade Endometrial Stromal Sarcoma, Including Tumors Exhibiting Variant Morphology. Sarah Chiang, et al. Mod Pathol. Sep 30(9), 2017.
2. BCOR Overexpression Is a Highly Sensitive Marker in Round Cell Sarcomas With BCOR Genetic Abnormalities. Yu-Chien Kao, et al. Am J Surg Pathol. Dec;40(12), 2016.

Doc. 100-RM0470
Rev. A