
BCOR (Clone C10)

Mouse Monoclonal Antibody

Specificity: Human. Others unknown

Immunogen: A synthetic peptide against amino acid 1-300 mapping at the N-terminus of BCOR of human origin

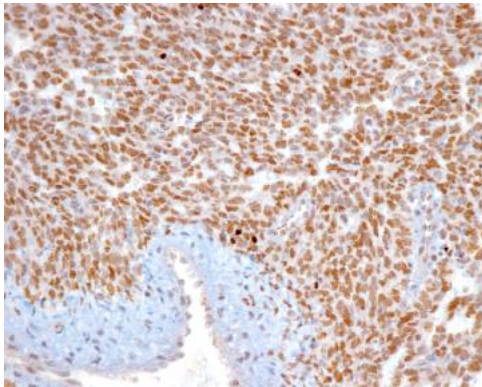
Ig Class: IgG₁/κ

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit IgG detection system. *Working dilution:* 1:100 *Positive Control:* Endometrial stromal sarcoma. *Cellular Localization:* Nucleus. *Intended Use:* In vitro diagnosis (IVD).

Description: BCL-6 interacting corepressor (BCOR) is a 1,755 amino acid protein that associates with histone deacetylases to transcriptionally repress BCL-6. BCOR mRNA is ubiquitously expressed in various tissues. However, the BCOR protein expression in adult tissue is limited to testis only. Recently, the BCOR rearrangement was detected in a subset of small blue round, spindle cell, and undifferentiated sarcomas, which results in overexpression of BCOR protein in these tumors, including small round cell sarcoma (~100%), clear cell sarcoma of kidney (100%), high-grade endometrial stromal sarcoma (100%) with *YWHAE-NUTM2* translocation, and subset of synovial sarcoma (50%). The list of BCOR positive tumors is still expanding.

Supplied As: Purified antibody with 0.2% BSA and 15mM sodium azide.



References:

1. Kao, Y.C., et al. *Am J Surg Pathol.* 2016; 40:1670-1678.
2. Chiang, S., et al. *Mod Pathol.* 2017; 30:1251-1261.
3. Alholle, A., et al. *J. Pathol.* 2018; 245:186-196.

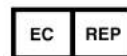
Formalin-fixed, paraffin-embedded human small blue round cell sarcoma stained with anti-BCOR antibody using peroxidase-conjugate and DAB chromogen. Note the nuclear staining of tumor cells

Cat. #Z2334 (1.0 ml)

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