

Product Datasheet

BORIS Antibody (20B11) - BSA Free NBP2-52405

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-52405

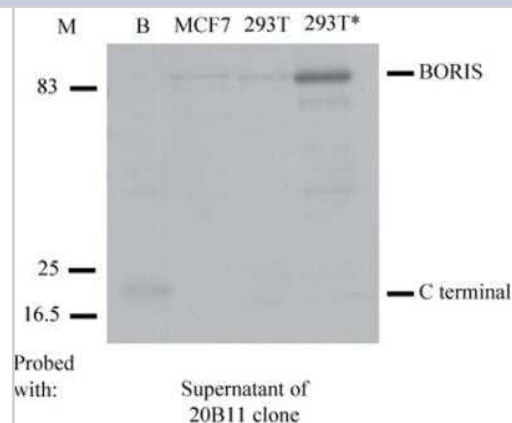
BORIS Antibody (20B11) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	20B11
Preservative	0.02% Sodium Azide
Isotype	IgG3 Kappa
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	83 kDa
Product Description	
Host	Mouse
Gene ID	140690
Gene Symbol	CTCFL
Species	Human
Immunogen	Synthetic peptide within the BORIS C-terminal domain (aa 614-648) (CG)GEMFPVACRETTARVKEE (NB - the first two aa do not belong to BORIS)
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500
Application Notes	Positive control(s): MCF7 cell lysates.

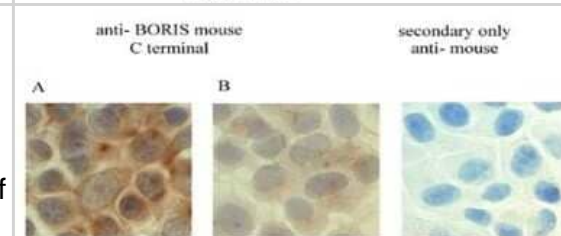


Images

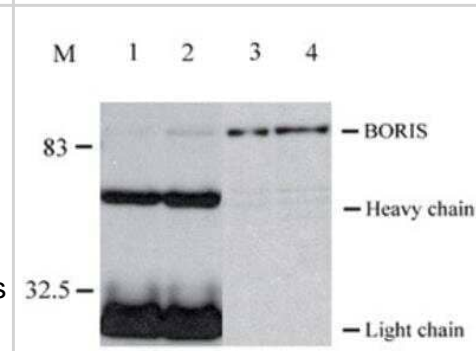
Western Blot: BORIS Antibody (20B11) [NBP2-52405] - Antibody from clone 20B11 specifically recognises the C terminal domain of BORIS, and the endogenous and exogenous BORIS protein. Cell lysates were resolved by SDS-PAGE, blotted and probed with the original mouse supernatant of the 20B11 clone. Positions of BORIS and the C-terminal domain of BORIS are indicated. B, bacterially expressed BORIS; 293T cells transfected with 0.5ug of the plasmid expressing BORIS; M, Molecular marker.



Immunohistochemistry: BORIS Antibody (20B11) [NBP2-52405] - Analysis using the supernatants from the clone 20B11 at following dilutions: (A) 20B11 undiluted supernatant and (B) 20B11 at 1:25. (B) Cells have been counterstained with the nuclear marker hematoxylin (blue). Images were taken at x60 magnification using the Olympus BX41 microscope. Expression of BORIS protein is indicated by the presence of brown staining, with a pattern characteristic for BORIS (both, cytoplasmic and nuclear).



Immunoprecipitation: BORIS Antibody (20B11) [NBP2-52405] - The 83-kDa protein can be immunoprecipitated with the mouse anti-BORIS C terminal specific antibody. Proteins were immunoprecipitated from the MCF7 cell extracts with the mouse anti-BORIS C terminal antibody 20B11 in their original supernatant form using the following volumes: (1) 400 ul of 20B11; (2) 800 ul of 20B11; (3) Input; (4) MCF7 cell lysates as BORIS positive control. The extracts from MCF7 cells were incubated overnight at 40C followed by 2 hour incubation with protein G sepharose beads. Proteins were resolved by SDS-PAGE, and Western blot analysis was performed with the concentrated form of the mouse anti-BORIS N terminal (4A7) specific antibody (1:500).



Publications

Debruyne DN, Dries R, Sengupta S et al. BORIS promotes chromatin regulatory interactions in treatment-resistant cancer cells Nature 2019-08-01 [PMID: 31391581] (IP, Human)



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Products Related to NBP2-52405

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
H00140690-Q01-10ug	Recombinant Human BORIS GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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