

BTBD9 Antibody

Mouse Monoclonal Antibody [Clone BTBD9/7501]

Catalog No	Format	Size
114781-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
114781-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
114781-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

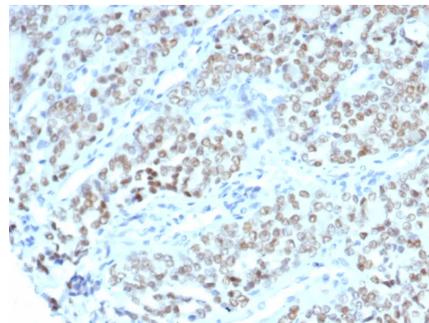
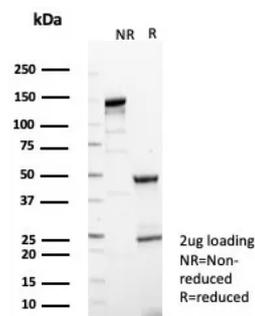
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	BTBD9/7501
Gene Name	BTBD9
Immunogen	Recombinant fragment (around aa200-400) of human BTBD9 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	69kDa
Cellular Localization	Nucleus. Cytoplasm.
Species Reactivity	Human
Positive Control	Human fallopian tube lung or lymph node.

*Optimal dilution for a specific application should be determined.

Product Images for BTBD9 Antibody



SDS-PAGE Analysis of Purified BTBD9 Mouse Monoclonal Antibody (BTBD9/7501). Confirmation of Purity and Integrity of Antibody.

Formalin-fixed, paraffin-embedded human fallopian tube stained with BTBD9 Mouse Monoclonal Antibody (BTBD9/7501). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

BTBD9 (BTB/POZ domain-containing protein 9) is a 612 amino acid protein that contains one BTB/POZ domain and one BACK (BTB/Kelch associated) domain. The BTB/POZ domain mediates homomeric and heteromeric POZPOZ interactions and is common to transcriptional regulators involved in chromatin modeling. In several BTB/POZ containing proteins, including Bcl-6 and the promyelocytic leukemia zinc-finger (PLZF) oncoprotein, this domain interacts with the SMRT/N-CoR-mSin3A HDAC complex and is directly involved in repressing and silencing gene transcription. When this domain is deleted, as with the oncogenic PLZF-RAR chimera of promyelocytic leukemias, this transcriptional repression is attenuated. This suggests that BTBD9 may play a role in transcription regulation. Genetic variations in the gene that encodes BTBD9 have been associated with susceptibility to restless legs syndrome type 6 (RLS6), a condition characterized by an uncontrollable urge to move the legs while resting.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
