Recombinant SMARCA2/BRM Monoclonal Antibody

catalog number: **AN301908L**

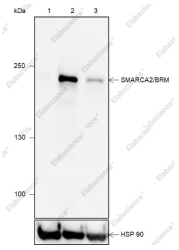
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	A synthetic peptide of human SMARCA2/BRM
Host	Rabbit
Isotype	Rabbit IgG
Clone	C211529
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000
IHC-P	1:200-1:2000
ICC/IF	1:50
FCM	1:200-1:500

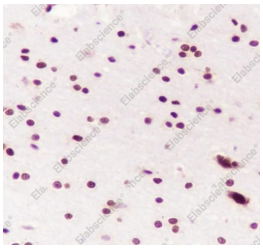
Data



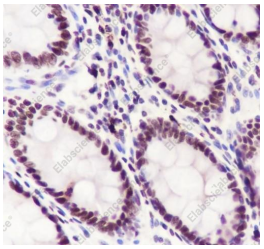
Western Blot with SMARCA2/BRM Monoclonal Antibody at dilution of 1:1000. Lane 1: NCCIT (negative control), Lane 2: HeLa, Lane 3: 293T

Observed-MW:190 kDa

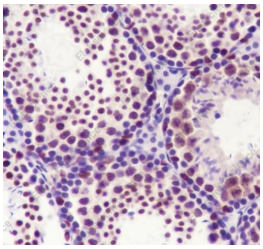
Calculated-MW:181 kDa



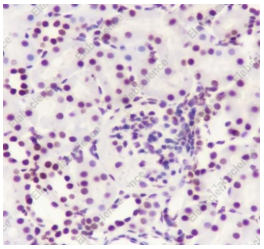
Immunohistochemistry of paraffin-embedded Human cerebrum using SMARCA2/BRM Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded Human colon using SMARCA2/BRM Monoclonal Antibody at dilution of 1:3000.



Immunohistochemistry of paraffin-embedded Mouse testis using SMARCA2/BRM Monoclonal Antibody at dilution of 1:3000.



Immunohistochemistry of paraffin-embedded Rat kidney using SMARCA2/BRM Monoclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

SMARCA2, also named as BRM, is a transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. SMARCA2 is involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.

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