

**bsm-61308R**

**[ Primary Antibody ]**

## SMARCA4 Recombinant Rabbit mAb

**Bioss**  
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

### DATASHEET

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Recombinant

**CloneNo.:** 8C16

**GeneID:** 6597

**SWISS:** P51532

**Target:** SMARCA4

**Immunogen:** A synthesized peptide derived from human SMARCA4: 210-300.

**Purification:** affinity purified by Protein A

**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

**Background:** Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Component of SWI/SNF chromatin remodeling complexes that carry out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner.

**Applications:** WB (1:1000-5000)

**IHC-P** (1:200-800)

**IHC-F** (1:200-800)

**IF** (1:200-800)

**ICC/IF** (1:100-500)

**IP** (1:20-100)

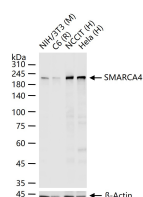
**ChIP** (1:20-100)

**Reactivity:** Human, Mouse, Rat

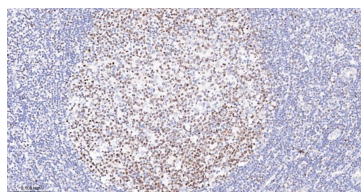
**Predicted  
MW.:** 185

**Subcellular  
Location:** Nucleus

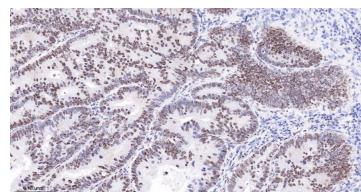
### VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with SMARCA4 monoclonal antibody, unconjugated (bsm-61308R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SMARCA4 Monoclonal Antibody, Unconjugated(bsm-61308R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SMARCA4 Monoclonal Antibody, Unconjugated(bsm-61308R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.