bsm-52938R **[Primary Antibody]**

TNFR2 Recombinant Rabbit mAb

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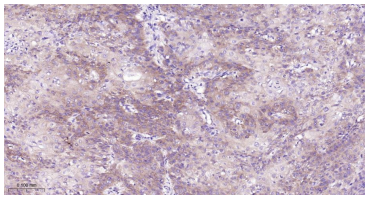
DATASHEET

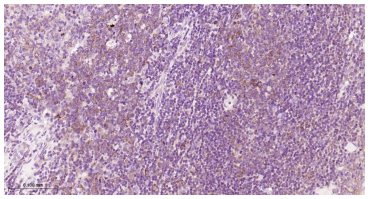
Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 7D3
GeneID: 7133
SWISS: P20333
Target: TNFR2
Immunogen: A synthesized peptide derived from human TNFRSF1B: 415-461/461.
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background: The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways. [provided by RefSeq, Jul 2008]

Applications: **IHC-P** (1:50-200)
IHC-F (1:50-200)
IF (1:50-200)
Reactivity: Human (predicted: Mouse, Rat)
Predicted MW.: 46 kDa
Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded Human Kidney Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TNFR2 Monoclonal Antibody, Unconjugated (bsm-52938R) 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 Chronic tonsillitis; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TNFR2 Monoclonal Antibody, Unconjugated (bsm-52938R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

SELECTED CITATIONS

- **[IF=3.9]** Timothy D. Jacobsen. et al. TNFα Receptor 1 and Not Receptor 2 Affect Annulus Fibrosus and Nucleus Pulposus Response to Cytokine Challenge in a Rat Model. JOR SPINE. 2025 May;8(2):e70070 IHC ;Rat. 40391206