bsm-61509R **[Primary Antibody]**

FGFR4 Recombinant Rabbit mAb

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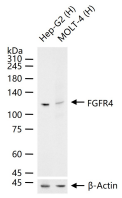
DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 2A6
GeneID: 2264
SWISS: P22455
Target: FGFR4
Immunogen: A synthesized peptide derived from human FGFR4: 756-802/802.
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: Tyrosine-protein kinase that acts as a cell-surface receptor for fibroblast growth factors and plays a role in the regulation of cell proliferation, differentiation and migration, and in regulation of lipid metabolism, bile acid biosynthesis, glucose uptake, vitamin D metabolism and phosphate homeostasis.

Applications: **WB** (1:500-2000)
Reactivity: Human, Mouse, Rat
Predicted MW.: 88 kDa
Observed MW.: 120 kDa
Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with FGFR4 monoclonal antibody, unconjugated (bsm-61509R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

SELECTED CITATIONS

- **[IF=7.1]** Dong Zhen. et al.Fibroblast Growth Factor 20 Attenuates Colitis by Restoring Impaired Intestinal Epithelial Barrier Integrity and Modulating Macrophage Polarization via S100A9 in an NF-κB Dependent Manner.cellular and molecular gastroenterology and hepatology.2025 Feb 28:101486. Western Blot ;Mouse. 40024533
- **[IF=3.8]** Zhang Xuan. et al. FGF6 inhibits oral squamous cell carcinoma progression by regulating PI3K/AKT and MAPK pathways. SCI REP-UK. 2024 Nov;14(1):1-14 WB ;Human,Mouse. 39506091