

bsm-61309R**[Primary Antibody]****BioSS**
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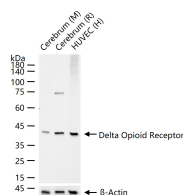
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Delta Opioid Receptor Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Recombinant	CloneNo.: 6F2	Reactivity: Human, Mouse, Rat
GeneID: 4985	SWISS: P41143	
Target: Delta Opioid Receptor		
Immunogen: A synthesized peptide derived from human DOR 1: 1-32.		Predicted MW.: 40
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
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: G-protein coupled receptor that functions as a receptor for endogenous enkephalins and for a subset of other opioids. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling leads to the inhibition of adenylate cyclase activity. Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with Delta Opioid Receptor monoclonal antibody, unconjugated (bsm-61309R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.