

bsm-61120R**[Primary Antibody]****BioSS**
ANTIBODIES

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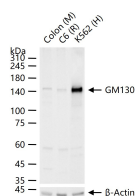
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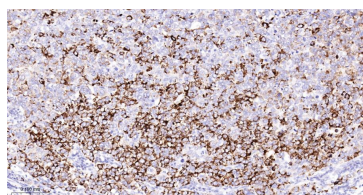
400-901-9800

GM130 Recombinant Rabbit mAb**— DATASHEET —**

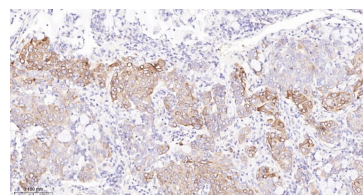
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:50-200) IP (1:20-50)
Clonality: Recombinant	CloneNo.: 5D9	
GeneID: 2801	SWISS: Q08379	
Target: GM130		
Immunogen: A synthesized peptide derived from human Golgin subfamily A member 2: 1-57.		
Purification: affinity purified by Protein A		Reactivity: Human, Mouse, Rat (predicted: Cow, Dog, Monkey)
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: Golgi auto-antigen; probably involved in maintaining cis-Golgi structure. The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. This gene encodes one of the golgins, a family of proteins localized to the Golgi.		
		Predicted MW.: 113 kDa Observed MW.: 145 kDa Subcellular Location: Cell membrane ,Cytoplasm

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with GM130 monoclonal antibody, unconjugated (bsm-61120R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GM130 Monoclonal Antibody, Unconjugated (bsm-61120R) 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 Cervical Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with GM130 Monoclonal Antibody, Unconjugated (bsm-61120R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=6.5]** Song Yuhao. et al. Deer antler ASCs exosomes ameliorate osteoarthritis via miR-140/MMP13 axis-mediated dual modulation of inflammation and cartilage regeneration. NPJ REGEN MED. 2025 Dec;; WB ;Deer. 41360821