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Anti-GM130 Rabbit mAb [26F07]

Catalog No.: A52134

Basic Information

Catalog No. (Cat.No.)	A52134
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	GM130,Golgin-130,golgi matrix protein

Product Information

Target	GM130
Molecular Weight(Calculated)	113 kDa
Molecular Weight(Observed)	130 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	26F07
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Golgi matrix protein-130
Gene Name	*GOLGA2*
Domain	NA
Background	GM130 is a core structural protein of the Golgi matrix protein family, localized in the cis-Golgi vesicles of eukaryotic cells and widely expressed in various human normal and tumor cells. It coregulates Golgi structure maintenance, cellular vesicle transport, protein modification and sorting, and cell cycle regulation. GM130 stabilizes the morphological structure of the Golgi apparatus, regulates intracellular protein transport and glycosylation modification, and ensures normal cellular material metabolism and signal transduction. Abnormal expression or deletion of GM130 causes Golgi structural disorder, vesicle transport dysfunction and protein sorting abnormality, further leading to cell proliferation disorder and apoptosis imbalance, and promoting tumor invasion, metastasis and fibrotic disease progression.