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Anti-Chromogranin A Rabbit mAb [95F33]

Catalog No.: A52077

Basic Information

Catalog No. (Cat.No.)	A52077
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Chromogranin A,secretogranin-I,granin family protein

Product Information

Target	Chromogranin A
Molecular Weight(Calculated)	51 kDa
Molecular Weight(Observed)	80 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	95F33
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	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Chromogranin-A
Gene Name	*CHGA*
Domain	NA
Background	Chromogranin A (CgA) belongs to chromogranin family and regulates neuroendocrine granule storage as well as hormone processing and secretion. CgA is packaged within secretory vesicles of neuroendocrine cells and co-released together with hormones. Proteolytic cleavage of CgA yields multiple bioactive peptides modulating hormone release, vascular homeostasis and inflammatory responses. CgA is abundant in pituitary, adrenal medulla and gastrointestinal neuroendocrine cells. It is highly expressed in neuroendocrine tumors and represents a critical diagnostic biomarker. Circulating CgA also serves as auxiliary serological indicator for certain neuroendocrine neoplasms.