

Product datasheet for **AM06770SU-N**

PRKACG Mouse Monoclonal Antibody [Clone ID: 2E4]

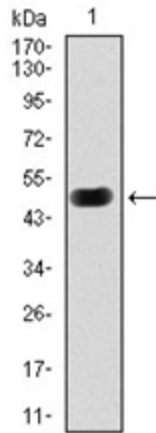
Product data:

Product Type:	Primary Antibodies
Clone Name:	2E4
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blotting: 1/500-1/2000. Flow Cytometry: 1/200-1/400. Immunohistochemistry on Paraffin Sections: 1/200-1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human PRKACG expressed in E. Coli.
Specificity:	This antibody recognizes PRKACG.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	40.4 kDa
Gene Name:	protein kinase cAMP-activated catalytic subunit gamma
Database Link:	Entrez Gene 5568 Human P22612
Background:	Cyclic AMP-dependent protein kinase (PKA) consists of two catalytic subunits and a regulatory subunit dimer. This gene encodes the gamma form of its catalytic subunit. The gene is intronless and is thought to be a retrotransposon derived from the gene for the alpha form of the PKA catalytic subunit.
Synonyms:	PKA C-gamma, PKACg, KAPG, PKA catalytic subunit gamma

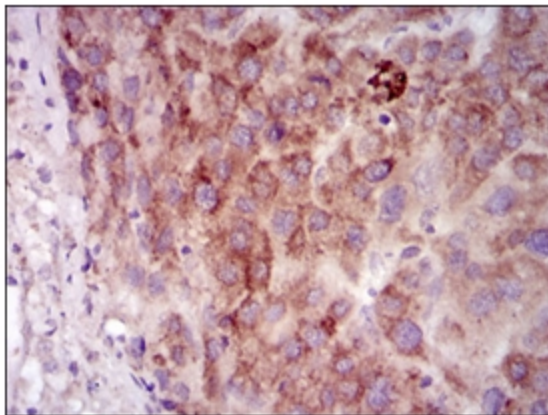
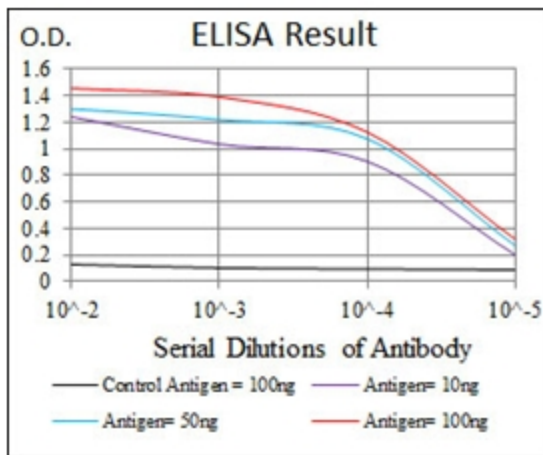


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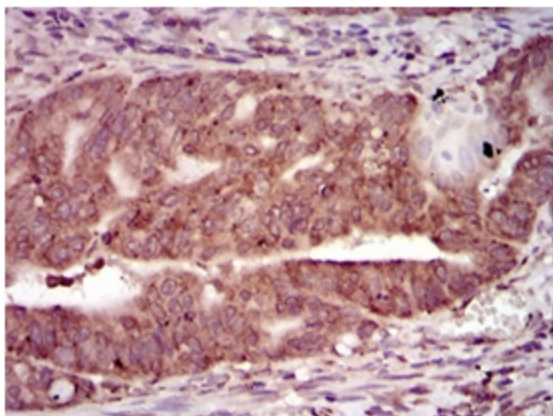
Product images:



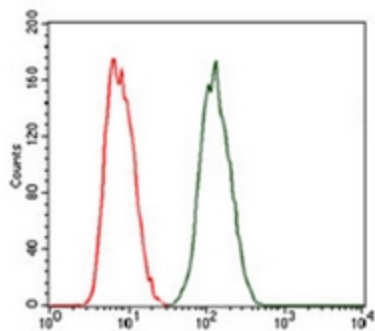
Western blot analysis using PRKACG mAb against human PRKACG antibody AM06770SU-N (AA: 164-351) recombinant protein (Expected MW is 47.1 kDa)



Immunohistochemical analysis of paraffin-embedded liver cancer tissues using PRKACG antibody AM06770SU-N with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PRKACG antibody AM06770SU-N with DAB staining.



Flow Cytometric analysis of MCF-7 cells using PRKACG antibody AM06770SU-N (green) and negative control (red).