



# PGTA mouse mAb

Catalog No	BYmab-08032
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	RABGGTA
Protein Name	PGTA
Immunogen	Synthesized peptide derived from human PGTA AA range: 312-362
Specificity	This antibody detects endogenous levels of PGTA at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.146% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Geranylgeranyl transferase type-2 subunit alpha (EC 2.5.1.60) (Geranylgeranyl transferase type II subunit alpha) (Rab geranyl-geranyltransferase subunit alpha) (Rab GG transferase alpha) (Rab GGTase alpha) (Rab geranylgeranyltransferase subunit alpha)
Observed Band	60kD
Cell Pathway	plasma membrane,Rab-protein geranylgeranyltransferase complex,
Tissue Specificity	Fetal brain,Lung,Thymus,Tongue,
Function	catalytic activity:Geranylgeranyl diphosphate + protein-cysteine = S-geranylgeranyl-protein + diphosphate.,cofactor:Binds 1 zinc ion per dimer.,enzyme regulation:The enzymatic reaction requires the aid of a Rab escort protein (also called component A).,function:Catalyzes the transfer of a geranyl-geranyl moiety from geranyl-geranyl pyrophosphate to both cysteines in Rab proteins with an -XXCC, -XCXC and -CCXX C-terminal, such as RAB1A, RAB3A and RAB5A respectively.,similarity:Belongs to the protein prenyltransferase subunit alpha family.,similarity:Contains 6 PFTA

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repeats.,subunit:Heterodimer of an alpha and a beta subunit, collectively called component B.,

## Background

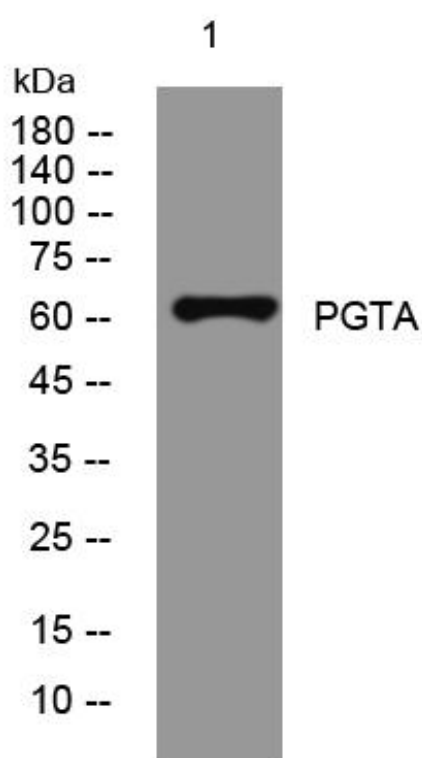
### matters needing attention

Avoid repeated freezing and thawing!

### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using PGTA mouse mAb

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