PGLS Monoclonal Antibody

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Catalog No	YP-mAb-02751
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PGLS
Protein Name	6-phosphogluconolactonase
Immunogen	The antiserum was produced against synthesized peptide derived from human PGLS. AA range:191-240
Specificity	PGLS Monoclonal Antibody detects endogenous levels of PGLS protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PGLS; 6-phosphogluconolactonase; 6PGL
Observed Band	30kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Brain,Cajal-Retzius cell,Fetal brain cortex,Uterus,
Function	catalytic activity:6-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.,pathway:Carbohydrate degradation; pentose phosphate pathway; D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative stage): step 2/3.,similarity:Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily.,
Background	catalytic activity:6-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.,pathway:Carbohydrate degradation; pentose phosphate pathway; D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative stage): step 2/3.,similarity:Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily.,

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

COLO205

(kD)

117-

85-

48-

34-

26-

19-
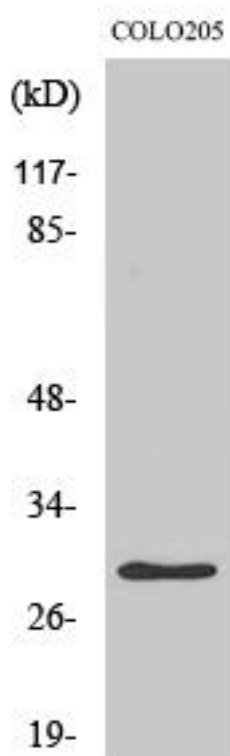
Western Blot analysis of various cells using PGLS Monoclonal Antibody