



PGLS Monoclonal Antibody

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 1:500-2000 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 6-phospho-D-gluconate_function:Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate_pathway. Carbohydrate degradation; pentose phosphathway. D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative step 2/3, similarity:Belongs to the glucosamine/galactosamine-6-phosphate step 2/3, similarity:Belongs to the glucosamine-6-phosphate step 2/3, similarity:Bel	lgG Human;Rat;Mouse; MB PGLS Me		
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 1:500-2000 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, Euglic Pospho-D-glucone-1,5-lactone + H(2)O = 6-phospho-D-gluconeate, function:Hydrolysis of 6-phosphosphosphosphosphosphosphosphosphos	Human;Rat;Mouse; MB e PGLS me 6-phosphogluconolactonase The antiserum was produced against synthesized peptide derived from human PGLS. AA range:191-240 PGLS Monoclonal Antibody detects endogenous levels of PGLS protein. Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Monoclonal, Mouse,IgG The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. WB 1:500-2000 tion 1 mg/ml ≥90% ability -20°C/1 year PGLS; 6-phosphogluconolactonase; 6PGL Band 30kD cytoplasm. Cytoplasm. Catalytic activity:6-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate, function:Hydrolysis of 6-phosphate (oxidative stage): step 2/3, similairity; Belongs to the glucosamine/glactosamine-6-phosphate isomerase family, 6-phospho-D-gluconolactonase subfamily., catalytic activity:6-phospho-D-gluconolactonase subfamily., catalytic activity:6-phospho-D-gluconolactonase subfamily.	Catalog No	BYmab-02751
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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 phosphogluconate. pathway: D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative step 2/3., similarity: Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily.,	PGLS; 6-phosphogluconolactonase; 6PGL Band 30kD Cytoplasm . Brain,Cajal-Retzius cell,Fetal brain cortex,Uterus, catalytic activity:6-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconatepathway: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-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to	Purity	≥90%
Observed Band 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 phosphogluconate yethway: D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative step 2/3., similarity: Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily.,	Cytoplasm . Brain,Cajal-Retzius cell,Fetal brain cortex,Uterus, 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., catalytic activity:6-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to	Storage Stability	-20°C/1 year
Cell Pathway Cytoplasm . Brain, Cajal-Retzius cell, Fetal brain cortex, Uterus, 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 phosphogluconate. pathway; D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative step 2/3., similarity: Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily.,	Cytoplasm . Brain,Cajal-Retzius cell,Fetal brain cortex,Uterus, 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., catalytic activity:6-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to	Synonyms	PGLS; 6-phosphogluconolactonase; 6PGL
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catalytic activity:6-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone t 6-phosphogluconate.,pathway:Carbohydrate degradation; pentose phosph pathway; D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative s step 2/3.,similarity:Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily.,	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., catalytic activity:6-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to	Cell Pathway	Cytoplasm .
6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone t 6-phosphogluconate.,pathway:Carbohydrate degradation; pentose phosph pathway; D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative s step 2/3.,similarity:Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily.,	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., catalytic activity:6-phospho-D-glucono-1,5-lactone + H(2)O = 6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to	Tissue Specificity	Brain, Cajal-Retzius cell, Fetal brain cortex, Uterus,
Packaround catalytic activity:6 phospho D alucopo 1.5 lactopo + H(2)O =	6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to	Function	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
6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone t 6-phosphogluconate.,pathway:Carbohydrate degradation; pentose phosph	pathway; D-ribulose 5-phosphate from D-glucose 6-phosphate (oxidative stage):	Background	6-phospho-D-gluconate.,function:Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.,pathway:Carbohydrate degradation; pentose phosphate

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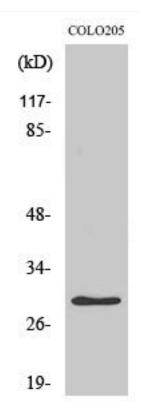


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	step 2/3.,similarity:Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PGLS Monoclonal Antibody

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