

Datasheet for ABIN6744461
anti-PGLS antibody (C-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	PGLS
Binding Specificity:	C-Term
Reactivity:	Human, Pig, Cow, Dog, Horse, Bat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGLS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from C-Terminus of human PGLS (O95336, NP_036220). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Galago, Marmoset, Elephant, Dog, Bovine, Bat, Horse, Pig (100%), Gibbon, Mouse, Rat, Panda, Guinea pig (92%), Chicken, Platypus (84%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human PGLS
Predicted Reactivity:	Percent identity by BLAST analysis: Dog (100%) Mouse, Rat, Guinea pig (92%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: PGLS

Alternative Name: PGLS / 6PGL ([PGLS Products](#))

Background: Name/Gene ID: PGLS

Synonyms: PGLS, 6PGL, 6-phosphogluconolactonase

Gene ID: 25796

NCBI Accession: [NP_036220](#)

UniProt: [O95336](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (1 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:312500.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

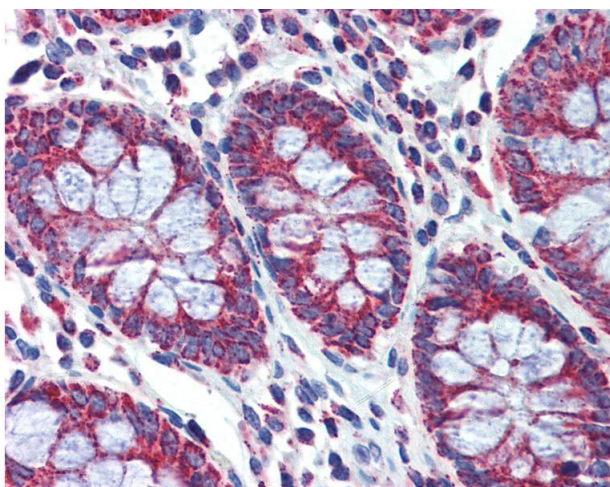
Reconstitution: Distilled water

Concentration: Lot specific

Handling

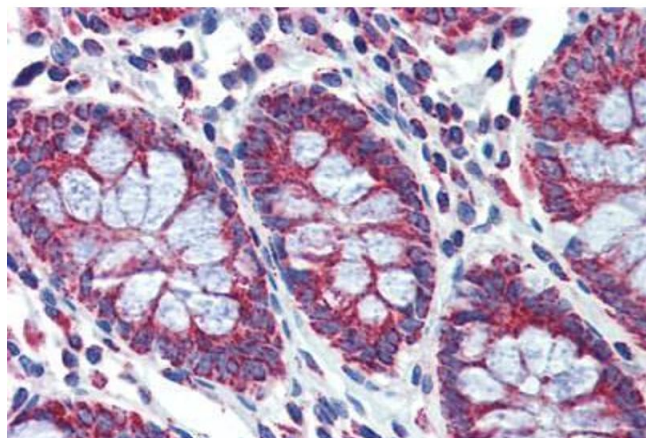
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



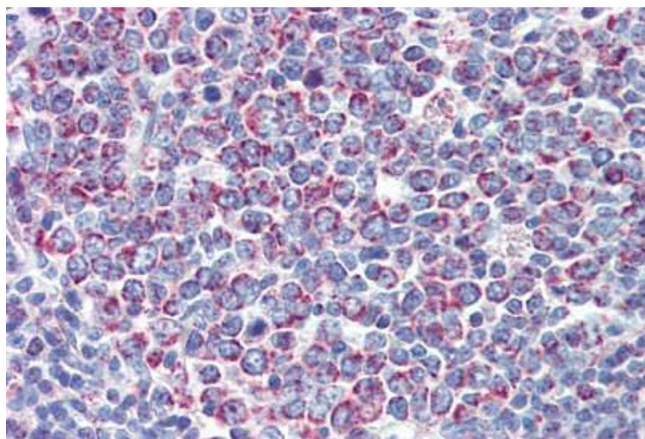
Immunohistochemistry

Image 1. Anti-PGLS antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms ...



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Colon, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 3. Tonsil, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)