

Product datasheet

Anti-PGM3 antibody ab55617

[2 Images](#)

Overview

Product name	Anti-PGM3 antibody
Description	Mouse monoclonal to PGM3
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein, corresponding to amino acids 1-543 of Human PGM3

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab55617** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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WB

IHC-P

Application notes	WB: Use at a concentration of 1-5 µg/ml. IHC-P: Use at a concentration of 2 µg/ml.
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Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Interconverts GlcNAc-6-P and GlcNAc-1-P.

Tissue specificity

Found in many tissues except lung. Relatively high expression in pancreas, heart, liver, and placenta, and relatively low expression in brain, skeletal muscle and kidney.

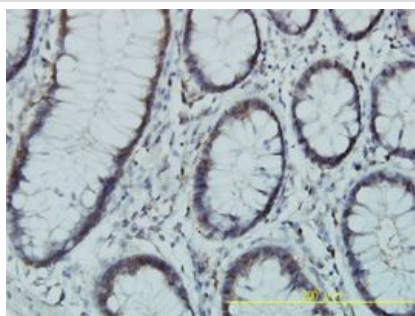
Pathway

Nucleotide-sugar biosynthesis; UDP-N-acetyl-alpha-D-glucosamine biosynthesis; N-acetyl-alpha-D-glucosamine 1-phosphate from alpha-D-glucosamine 6-phosphate (route I): step 2/2.

Sequence similarities

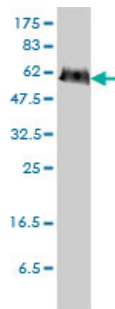
Belongs to the phosphohexose mutase family.

Images



PGM3 antibody (ab55617) used in immunohistochemistry at 2ug/ml on formalin fixed and paraffin embedded human colon tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PGM3 antibody (ab55617)



PGM3 antibody (ab55617) at 1ug/lane + HeLa cell lysate at 25ug/lane.

Western blot - Anti-PGM3 antibody (ab55617)

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