ARG10371
anti-GPBB + GPMM antibody [17B6]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [17B6] recognizes GPBB + GPMM
Tested Reactivity	Hu
Tested Application	Puri, WB
Specificity	This antibody recognizes BB and MM isoenzymes.
Host	Mouse
Clonality	Monoclonal
Clone	17B6
Isotype	IgG1
Target Name	GPBB + GPMM
Species	Human
Immunogen	Human GPBB.
Conjugation	Un-conjugated
Alternate Names	GPBB; EC 2.4.1.1; Glycogen phosphorylase, brain form

Application Instructions

Application table

Application	Dilution
Puri	Assay-dependent
WB	Assay-dependent

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4) and 0.1% Sodium azide
Preservative	0.1% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5834 Human Swiss-port # P11216 Human
Gene Symbol	PYGB
Gene Full Name	phosphorylase, glycogen; brain
Background	The protein encoded by this gene is a glycogen phosphorylase found predominantly in the brain. The encoded protein forms homodimers which can associate into homotetramers, the enzymatically active form of glycogen phosphorylase. The activity of this enzyme is positively regulated by AMP and negatively regulated by ATP, ADP, and glucose-6-phosphate. This enzyme catalyzes the rate-determining step in glycogen degradation. [provided by RefSeq, Jul 2008]
Function	Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties. [UniProt]
Calculated Mw	97 kDa
PTM	Phosphorylated (PubMed:27402852). Phosphorylation of Ser-15 converts phosphorylase B (unphosphorylated) to phosphorylase A (By similarity).