



Datasheet for ABIN912619

anti-PYGM antibody (AA 401-500) (Alexa Fluor 488)



[Go to Product page](#)

1 Publication

Overview

Quantity:	100 µL
Target:	PYGM
Binding Specificity:	AA 401-500
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYGM antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PYGM
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	PYGM
Alternative Name:	PYGM (PYGM Products)

Target Details

Background: Synonyms: Glycogen phosphorylase, muscle form, Myophosphorylase, PYGM
Background: 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.

Gene ID: 5837

UniProt: [P11217](#)

Pathways: [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: de Luna, Brull, Lucia, Santalla, Garatachea, Martí, Andreu, Pinós: "PYGM expression analysis in white blood cells: A complementary tool for diagnosing McArdle disease?" in: **Neuromuscular disorders : NMD**, (2014) ([PubMed](#)).