

ARG45452 anti-PGM2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PGM2
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PGM2
Species	Human
Immunogen	Recombinant protein containing to human PGM2.
Conjugation	Un-conjugated
Alternate Names	PGM2; Phosphoglucomutase 2; Phosphopentomutase; Glucose Phosphomutase 2; Phosphodeoxyribomutase; EC 5.4.2.2 47; FLJ10983; Phosphoglucomutase-2; EC 5.4.2.7; EC 5.4.2 47; MSTP006; PGM 2

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	75 kDa	

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
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.

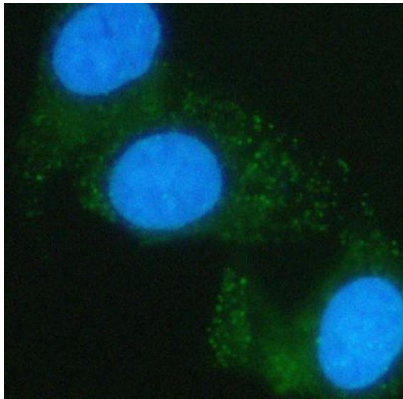
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

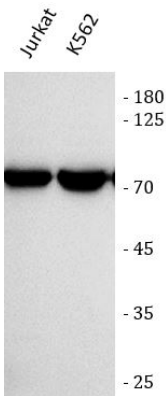
Gene Symbol	PGM2
Gene Full Name	Phosphoglucomutase 2
Background	Enables phosphoglucomutase activity and phosphopentomutase activity. Predicted to be involved in purine ribonucleoside salvage. Predicted to act upstream of or within glucose metabolic process. Located in cytosol. [provided by Alliance of Genome Resources, Nov 2024]
Function	Catalyzes the conversion of the nucleoside breakdown products ribose-1-phosphate and deoxyribose-1-phosphate to the corresponding 5-phosphopentoses. [UniProt]
Calculated Mw	68 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Philippe Le Mercier Keywords Cellular component; Cytoplasm. [UniProt]

Images



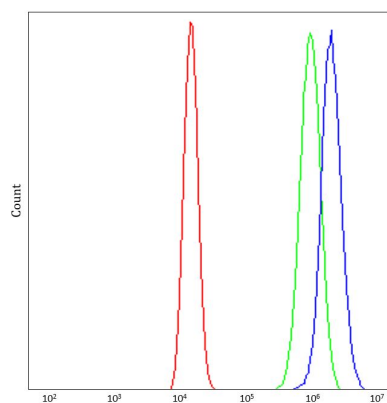
ARG45452 anti-PGM2 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45452 anti-PGM2 antibody at 5 µg/ml dilution.



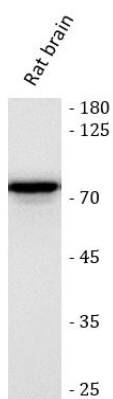
ARG45452 anti-PGM2 antibody WB image

Western blot: Jurkat and K562 stained with ARG45452 anti-PGM2 antibody at 0.25 µg/ml dilution.



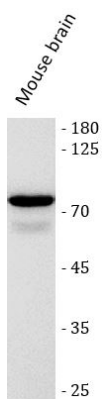
ARG45452 anti-PGM2 antibody FACS image

Flow Cytometry: HEL stained with ARG45452 anti-PGM2 antibody at 1 µg/10⁶ cells dilution.



ARG45452 anti-PGM2 antibody WB image

Western blot: Rat brain stained with ARG45452 anti-PGM2 antibody at 0.25 µg/ml dilution.



ARG45452 anti-PGM2 antibody WB image

Western blot: Mouse brain stained with ARG45452 anti-PGM2 antibody at 0.25 µg/ml dilution.