

Product Datasheet

PKM2 Antibody [Alexa Fluor® 488] NBP1-48308AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-48308AF488

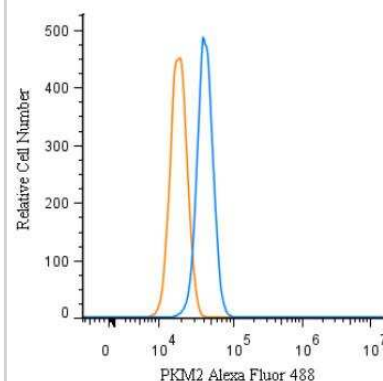
PKM2 Antibody [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 488
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	5315
Gene Symbol	PKM
Species	Human, Mouse, Rat, Bovine
Reactivity Notes	Bovine reactivity reported in scientific literature (PMID: 25416385).
Immunogen	A synthetic peptide made to the internal region of human PKM2 protein (within residues 350-450). [Swiss-Prot: P14618]
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunoblotting, Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.



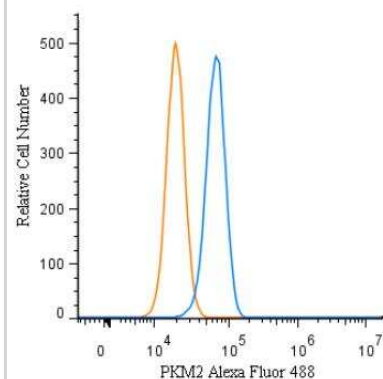
Images

Flow Cytometry: PKM2 Antibody [Alexa Fluor® 488] [NBP1-48308AF488] - An intracellular stain was performed on Neuro2a cells with PKM2 Antibody NBP1-48308AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



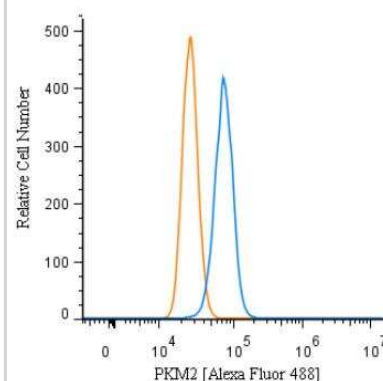
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Flow Cytometry: PKM2 Antibody [Alexa Fluor® 488] [NBP1-48308AF488] - An intracellular stain was performed on HeLa cells with PKM2 Antibody NBP1-48308AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



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Flow Cytometry: PKM2 Antibody [Alexa Fluor® 488] [NBP1-48308AF488] - An intracellular stain was performed on MCF7 cells with PKM2 Antibody NBP1-48308AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



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Products Related to NBP1-48308AF488

NBP2-24982	Rabbit IgG Isotype Control [Alexa Fluor® 488]
NBP1-48308AF647	PKM2 Antibody [Alexa Fluor® 647]
NBP1-48308PEP	PKM2 Antibody Blocking Peptide
7244-PK-020	PKM2 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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