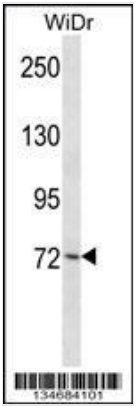
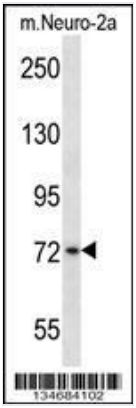
PLK3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

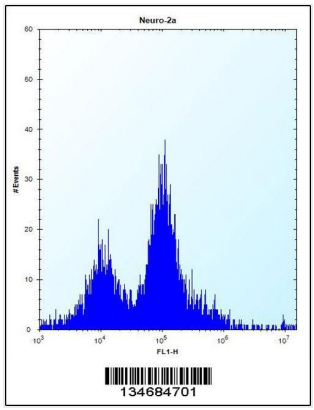
Product Name	Plk3, Polyclonal Antibody
Full Product Name	Plk3, NT (Plk3, Cnk, Fnk, Serine/threonine-protein kinase PLK3, Cytokine-inducible serine/threonine-protein kinase, FGF-inducible kinase, Polo-like kinase 3) (AP)
Product Gene Name	anti-Plk3 antibody
Product Synonym Names	Plk3; Cnk; Fnk; Serine/threonine-protein kinase PLK3; Cytokine-inducible serine/threonine-protein kinase; FGF-inducible kinase; Polo-like kinase 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	70,012 Da
3D Structure	ModBase 3D Structure for Q60806
Immunogen	Mouse Plk3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-61 amino acids from the N-terminal region of Mouse Plk3.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-Plk3 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-Plk3 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-Plk3 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-Plk3 antibody	Serine/threonine protein kinase involved in regulating M phase functions during the cell cycle. May also be part of the signaling network controlling cellular adhesion. In vitro, is able to phosphorylate CDC25C and casein (By similarity).
Other Notes	Small volumes of anti-Plk3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Plk3 purchase	MBS6335015 is an antibody targeting Plk3. Also known as Plk3, NT (Plk3, Cnk, Fnk, Serine/threonine-protein kinase PLK3, Cytokine-inducible serine/threonine-protein kinase, FGF-inducible kinase, Polo-like kinase 3) (AP). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-Plk3 antibody
Mouse Plk3 Antibody (N-term) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the Plk3 antibody detected the Plk3 protein (arrow).



Western Blot (WB) of anti-Plk3 antibody
Mouse Plk3 Antibody (N-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the Plk3 antibody detected the Plk3 protein (arrow).



Flow Cytometry (FC/FACS) of anti-Plk3 antibody
Mouse Plk3 Antibody (N-term) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Plk3. It may not necessarily be applicable to this product.

NCBI GI #	13878440
NCBI GeneID	12795
NCBI Accession #	Q60806.2
UniProt Primary Accession #	Q60806
UniProt Secondary Accession #	Q60822; Q9R009
UniProt Related Accession #	Q60806
NCBI Official Full Name	Serine/threonine-protein kinase PLK3
NCBI Official Synonym Full Names	polo-like kinase 3
NCBI Official Symbol	Plk3
NCBI Official Synonym Symbols	Cnk; Fnk; PRK
UniProt Protein Name	Serine/threonine-protein kinase PLK3
UniProt Synonym Protein Names	Cytokine-inducible serine/threonine-protein kinase; FGF-inducible kinase; Polo-like kinase 3; PLK-3
Protein Family	Serine/threonine-protein kinase
UniProt Gene Name	Plk3

UniProt Synonym Gene Names	Cnk; Fnk; PLK-3
UniProt Entry Name	PLK3_MOUSE
NCBI Protein Information	serine/threonine-protein kinase PLK3; PLK-3; FGF-inducible kinase; cytokine inducible kinase; cytokine-inducible serine/threonine-protein kinase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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