



Datasheet: MCA3391Z

BATCH NUMBER 160822

Description:	MOUSE ANTI HUMAN PTK7:Preservative Free
Specificity:	PTK7
Other names:	CCK-4
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	4C6
Isotype:	IgG2b
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			0.1 - 10 ug/ml
Immunofluorescence	▪			0.1 - 10 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography on Protein A

Buffer Solution

Phosphate buffered saline

Preservative

None present

Stabilisers

Approx. Protein Concentrations Ig concentration 0.5 mg/ml

Immunogen Recombinant protein corresponding to aa 36-146 of human PTK7.

External Database Links

UniProt:

[Q13308](#) [Related reagents](#)

Entrez Gene:

[5754](#) PTK7 [Related reagents](#)

Synonyms CCK4

RRID AB_2174360

Fusion Partners Spleen cells from immunized Balb/c mice were fused with cells from the Sp2/0 myeloma cell line.

Specificity **Mouse anti Human PTK7 antibody, clone 4C6** recognizes human Inactive tyrosine-protein kinase 7, also known as PTK7, Colon carcinoma kinase 4, Protein-tyrosine kinase 7, Pseudo tyrosine kinase receptor 7 or Tyrosine-protein kinase-like 7. PTK7 is a 1040 amino acid tyrosine kinase involved in the Wnt signaling pathway. PTK7 is a single pass type I transmembrane glycoprotein.

Storage Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10162 available at: 10162: <https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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