Datasheet: MCA3344Z

Description:	MOUSE ANTI HUMAN PLTP:Preservative Free
Specificity:	PLTP
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	2F3-G4
Isotype:	IgG1
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
Immunohistology - Paraffin (1)	▪			0.1 - 10 ug/ml
Western Blotting	▪			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.

(1)**This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.Sodium citrate buffer pH 6.0 is recommended for this purpose.**

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	Ig concentration 0.5 mg/ml
Immunogen	Recombinant protein corresponding to aa 1-422 of human PLTP.
External Database Links	**UniProt:** P55058 Related reagents **Entrez Gene:**

5360 PLTP Related reagents

Fusion Partners	Spleen cells from Balb/c mice were fused with cells from the Sp2/0 myeloma cell line.
Specificity	**Mouse anti Human PLTP antibody, clone 2F3-G4** recognizes human Phospholipid transfer protein, also known as PLTP or Lipid transfer protein II. PLTP is a 476 amino acid ⊔⊼ kDa lipid transfer molecule essential for45 the transfer of excess surface lipids from triglyceride-rich lipoproteins to HDL. PLTP is widely expressed in multiple tissues with high expression in placenta, pancreas, lung, kidney heart and liver. Multiple isoforms of PLTP may be generated by alternative splicing. Mouse anti Human PLTP antibody, clone 2F3-G4 binds to the canonical isoform 1. Binding to other isoforms which all have deleted sequences compared to isoform 1 has not been evaluated.
Storage	Store at -20^{o}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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet Documentation #10162 available at: 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 (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos., HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Human Anti Mouse IgG1 (HCA036...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC

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