

Datasheet for ABIN459123
anti-PFKM antibody (Biotin)



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Overview

Quantity:	1 mL
Target:	PFKM
Reactivity:	Rabbit
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This PFKM antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Fructose-6-phosphate kinase isolated and purified from rabbit muscle. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	Cross-reactivities against enzymes of other sources may occur but have not been determined.
Characteristics:	Biotin-conjugated IgG fraction of polyclonal sheep antiserum to fructose-6-phosphate kinase from rabbit muscle
Purification:	The IgG (7S) fraction is prepared from the antiserum by ammonium sulphate precipitation and ion exchange chromatography.

Target Details

Target:	PFKM
Alternative Name:	Fructose-6-phosphate Kinase (PFKM Products)

Target Details

Background:	The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: immunoelectrophoresis, cross-immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), block titration, ELISA, immunoblotting and enzyme inhibition.
Pathways:	Positive Regulation of Peptide Hormone Secretion , Negative Regulation of Hormone Secretion , Carbohydrate Homeostasis , Warburg Effect

Application Details

Application Notes:	This product is intended for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and immunofluorescence or histochemical techniques).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	IgG protein concentration 10 mg/ml. Biotin/ IgG protein molar ratio (B/P) approximately 6.5. No foreign proteins added.
Buffer:	Biotin-coupled hyperimmune sheep IgG lyophilised from a solution in phosphate buffered saline (PBS, pH 7.2).
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilised conjugate is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. It is reconstituted by adding 1.0 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20°C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product.