Datasheet for ABIN2174470

anti-SLC2A2 antibody (AA 482-524) (PE)

1 Publication

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Overview

Quantity:	100 µL
Target:	SLC2A2
Binding Specificity:	AA 482-524
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC2A2 antibody is conjugated to PE
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GLUT2
Isotype:	IgG
Cross-Reactivity:	Goat, Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	SLC2A2
Alternative Name:	GLUT2 (SLC2A2 Products)
Background:	Synonyms: GLUT2, Solute carrier family 2, facilitated glucose transporter member 2, Glucose

Target Details

	transporter type 2, liver, GLUT-2, SLC2A2 Background: Facilitative glucose transporter. This isoform likely mediates the bidirectional transfer of glucose across the plasma membrane of hepatocytes and is responsible for uptake of glucose by the beta cells, may comprise part of the glucose-sensing mechanism of the beta cell. May also participate with the Na(+)/glucose cotransporter in the transcellular transport of glucose in the small intestine and kidney.
Gene ID:	6514
UniProt:	P11168
Pathways:	Warburg Effect

Application Details

Application Notes:	FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Guttman, Yossef, Freixo-Lima, Rider, Porgador, Lewis: "?1-Antitrypsin modifies general NK cell interactions with dendritic cells and specific interactions with islet ?-cells in favor of protection from autoimmune diabetes." in: **Immunology**, (2014) (PubMed).