Recombinant Anti-Glycophorin Antibody (V3S-0522-YC6936)

Cat. No.: V3S-0522-YC6936

Summary

Description	This product is a monoclonal antibody derived from Mouse (*Mus musculus*), which can specif ically recognize Glycophorin. The antibody is expressed with mammalian cell transient expres sion system, serum-free and purified by affinity chromatography. The purity and integrity are t ested via SDS-PAGE and SEC-HPLC analysis. Given an antigen, additional QC measures ar e also desired such as affinity testing and binding validation. Specifically, the antibody is provided in multiple formats for in vivo and in vitro assays. The *In vivo* version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 E U/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Human
Isotype	IgG
Isotype Control	C35500
Secondary Antibody	C47504; C37557; C41360; C32672; C10001; C13172; C32251; C50005

Property

Expression Species	HEK293F or CHO
Conjugation	None
Purity	>95%, determined by SDS-PAGE and/or SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Protein A affinity purified
Sterility	0.2 μM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4^{0}C within a week. For longer storage, aliquot and store at -20^{0}C.

Applications

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-biolabs.com
Tel: 1-631-381-2994 Fax: 1-631-207-8356

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Application	ELISA; FC
Application Notes	The antibody is recommended for detection of Glycophorin by ELISA, FC assays.

Target

Target	Glycophorin
Introduction	A glycophorin is a sialoglycoprotein of the membrane of a red blood cell. It is a membrane-sp anning protein and carries sugar molecules. It is heavily glycosylated. Glycophorins are rich i n sialic acid, which gives the red blood cells a very hydrophilic-charged coat.
Research Area	Glycobiology

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