

Recombinant Anti-Emb Antibody (V3S-0522-YC5904)

Cat. No.: V3S-0522-YC5904

Summary

Description	This product is a monoclonal antibody derived from Rat (<i>Rattus norvegicus</i>), which can specifically recognize Embigin. The antibody is expressed with mammalian cell transient expression system, serum-free and purified by affinity chromatography. The purity and integrity are tested via SDS-PAGE and SEC-HPLC analysis. Given an antigen, additional QC measures are 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 <i>In vivo</i> version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 EU/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Rat
Target Species	Mouse
Immunogen	Mouse Embigin overexpressing cells
Isotype	IgG
Secondary Antibody	C40224; C74571; C22227; C56421; C32514; C47763; C63764; C41555; C10423; C53263; C44755

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°C within a week. For longer storage, aliquot and store at -20°C.

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

Applications

Application	FC; WB
Application Notes	The antibody is recommended for detection of Emb by FC, WB assays.

Target

Target	Emb
Alternative Name	Gp70; AL022799
Gene ID	13723
UniProt	P21995
Introduction	Embigin is a transmembrane glycoprotein that is a member of the immunoglobulin superfamily. The encoded protein may be involved in cell growth and development by mediating interactions between the cell and extracellular matrix.
Research Area	Immunology
Related Disease	Multiple sclerosis, psoriasis, rheumatism, chronic noninfectious uveitis, and glomerulonephritis

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