

Recombinant Anti-Lymphocyte Antibody (V3S-0522-YC1521)

Cat. No.: V3S-0522-YC1521

Summary

Description	This product is a monoclonal antibody derived from Human (<i>Homo sapiens</i>), which can specifically recognize Lymphocyte. 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	Human
Target Species	Human
Isotype	IgG1, κ
Isotype Control	C67002
Secondary Antibody	C32400; C75370; C10513; C51635; C45530; C61612; C23324; C61612

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 μ M 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.

Applications

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

Application	ELISA
Application Notes	The antibody is recommended for detection of Lymphocyte by ELISA assay.

Target

Target	Lymphocyte
Alternative Name	Lymphocyte
Introduction	Lymphocytes include natural killer cells (which function in cell-mediated, cytotoxic innate immunity), T cells (for cell-mediated, cytotoxic adaptive immunity), and B cells (for humoral, antibody-driven adaptive immunity). A lymphocyte is one of the subtypes of white blood cell in a vertebrate's immune system. They are the main type of cell found in lymph.
Research Area	Immunology
Related Disease	Non-Hodgkin's lymphoma

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