

Anti-CD28 Neutralizing Antibody (V3S-0522-YC505)

Cat. No.: V3S-0522-YC505

Summary

Description	This product is a monoclonal antibody derived from Human (<i>Homo sapiens</i>), which can specifically recognize CD28 Molecule. 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
Immunogen	Human CD28-transfected mouse fibroblast L cells, and fusing immune splenocytes with P3 U1 myeloma cells
Isotype	IgG2, κ
Isotype Control	C40662
Secondary Antibody	C32400; C75370; C10513; C51635; C45530; C47006; 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.

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

Applications

Application	ELISA; IHC; Block
Application Notes	The antibody is recommended for detection of CD28 by ELISA, IHC, Block assays.

Target

Target	CD28
Alternative Name	CD28 Molecule; CD28 Antigen; Tp44; T-Cell-Specific Surface Glycoprotein CD28; T-Cell-Specific Surface Glycoprotein; CD28 Antigen (Tp44);
Gene ID	940
UniProt	P10747
Introduction	CD28 (CD28 Molecule) is a Protein Coding gene. Diseases associated with CD28 include Mycosis Fungoides and Sezary's Disease. Among its related pathways are Th2 Differentiation Pathway and RET signaling.
Research Area	Immunology
Related Disease	Psoriasis

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