

Recombinant Anti-GBM Antibody (V3S-0522-YC1070)

Cat. No.: V3S-0522-YC1070

Summary

Description	This product is a monoclonal antibody derived from Human (<i>Homo sapiens</i>), which can specifically recognize Glioblastoma multiforme. 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 E U/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Human
Target Species	Human
Isotype	IgG
Isotype Control	C34555
Secondary Antibody	C32400; C75370; C10513; C51635; C45530

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.

Applications

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

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

Target

Target	GBM
Alternative Name	Glioblastoma multiforme; GBM; glioblastoma; grade IV astrocytoma
Introduction	Glioblastoma multiforme (GBM), also known as glioblastoma and grade IV astrocytoma, is the most common and most aggressive cancer that begins within the brain. Signs and symptoms are initially non-specific. They may include headaches, personality changes, nausea, and symptoms similar to those of a stroke. Worsening of symptoms is often rapid. This can progress to unconsciousness.
Research Area	Immunology
Related Disease	Brain tumor

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