

Anti-MIEN1 Neutralizing Antibody (V3S-0622-YC2190)

Cat. No.: V3S-0622-YC2190

Summary

Description	This product is a monoclonal antibody derived from mouse, which can specifically recognize MIEN1. 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 <i>in vivo</i> and <i>in vitro</i> 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	Mouse
Target Species	Human
Immunogen	BCA34.hC35
Isotype	IgG1
Isotype Control	C60052; C51237
Secondary Antibody	C47504; C37557; C41360; C32672; C10001

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	FuncS
Application Notes	The antibody is recommended for detection of MIEN1 by FuncS assay.

Target

Target	MIEN1
Alternative Name	MIEN1; migration and invasion enhancer 1; C35; ORB3; XTP4; RDX12; C17orf3
Gene ID	84299
UniProt	Q9BRT3
Introduction	Increases cell migration by inducing filopodia formation at the leading edge of migrating cells. Plays a role in regulation of apoptosis, possibly through control of CASP3. May be involved in a redox-related process.
Research Area	Cell Biology
Proceedings of R&D	Diseases associated with MIEN1 include Breast Large Cell Neuroendocrine Carcinoma and Prostate Cancer. Gene Ontology (GO) annotations related to this gene include selenium binding. An important paralog of this gene is SELENOV.

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