

Recombinant Anti-ABA Antibody (V3S-0522-YC2803)

Cat. No.: V3S-0522-YC2803

Summary

Description	This product is a monoclonal antibody derived from Mouse (<i>Mus musculus</i>), which can specifically recognize Absciscic acid. 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	Mouse
Target Species	Plant
Isotype	IgG
Isotype Control	C35500
Secondary Antibody	C47504; C37557; C41360; C32672; C10001; C13172; C32251; C50005

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

Target

Target	ABA
Alternative Name	Abscisic acid; ABA
Introduction	Abscisic acid (ABA) is the major hormone that controls plant's ability to survive in a harsh, changing environment. The ABA signaling pathway is conserved across all plants, including mosses, and is considered a very early adaptation to the terrestrial environment. ABA functions in many plant developmental processes, including bud dormancy, and can be involved in stress responses.
Research Area	Signal Pathway

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