

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ABI1 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 1013203
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human ABI1 Val429-Asp508 Accession # Q8IZP0
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Abelson Interactor 1 (ABI1) is an adaptor protein involved in cytoskeletal reorganization and EGFR signaling. Overexpression of ABI1 inhibits EGF-induced activation of Erks which negatively regulate cell growth and transformation. In the brain, ABI1 seems to regulate dendritic outgrowth and determines the shape and number of synaptic contacts of developing neurons.

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