

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Survivin in direct ELISAs and Western blots.
Source	Monoclonal Rabbit IgG Clone # 1277A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Full length recombinant human Survivin Accession # O15392
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
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

Survivin also known as Apoptosis inhibitor survivin and Baculoviral IAP repeat-containing protein 5 (BIRC5) is an 18 kDa member of the inhibitor of apoptosis (IAP) gene family, which encodes negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple Baculovirus IAP repeat (BIR) domains, but this gene encodes seven isoforms with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. Gene expression is high during fetal development and in most tumors, yet low in adult tissues. Survivin is expressed in a cell cycle-dependent manner and associates with the mitotic apparatus.

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