Human XIAP Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 117318

Catalog Number: FAB8221G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human XIAP in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human (rh) cIAP-1 or rh cIAP-2 is observed. Neutralizes human XIAP and human XIAP-BIR2 bioactivity. Does not neutralize XIAP-BIR3 or Livin bioactivity.
Source	Monoclonal Mouse IgG_1 Clone # 117318
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human XIAP Met1-Ser497 Accession # P98170
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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.*

Neutralization	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

XIAP (X-chromosome linked inhibitor of apoptosis) is a member of the apoptosis (IAP) family of proteins that inhibit caspases. The BIR2 domain of XIAP inhibits caspase-3 and caspase-7. The ability of XIAP to inhibit caspases is prevented by SMAC/Diablo through binding to XIAP-BIR2 and -BIR3 domains.

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