

# **Human XIAP Antibody**

Monoclonal Mouse IgG<sub>2A</sub> Clone # 117333 Catalog Number: MAB8223

DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human XIAP in direct ELISAs.
Source	Monoclonal Mouse IgG <sub>2A</sub> Clone # 117333
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	E. coli-derived recombinant human XIAP Met1-Ser497 Accession # P98170
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

#### **APPLICATIONS**

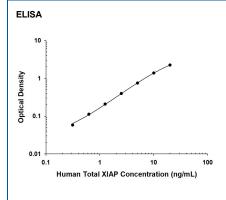
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

**ELISA** 

This antibody functions as an ELISA detection antibody when paired with Mouse Anti-Human XIAP Monoclonal Antibody(Catalog # MAB8222).

This product is intended for assay development on various assay platforms requiring antibody pairs. We recommend the Human Total XIAP DuoSet IC ELISA Kit (Catalog # DYC822-2) for convenient development of a sandwich ELISA.

### DATA



**Human XIAP ELISA Standard** Curve. Recombinant Human XIAP protein was serially diluted 2-fold and captured by Mouse Anti-Human XIAP Monoclonal Antibody(Catalog # MAB8222) coated on a Clear Polystyrene Microplate (Catalog # DY990). Mouse Anti-Human XIAP Monoclonal Antibody (Catalog # MAB8223) was biotinylated and incubated with the protein captured on the plate. Detection of the standard curve was achieved by incubating Streptavidin-HRP (Catalog # DY998) followed by Substrate Solution (Catalog # DY999) and stopping the enzymatic reaction with Stop Solution (Catalog # DY994).

## PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
	*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

## Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

#### 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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