

Anti-Survivin Antibody (8S243)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8S243
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Survivin/BIRC5/API4 Protein (TMPY-03672)
Antigen Species:	Human
Synonyms:	IAP4;EPR-1;API4;baculoviral IAP repeat containing 5;BIRC5

Research Background

BIRC5, also known as Survivin and EPR-1, is a member of the IAP family. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but BIRC5 has only a single BIR domain. It is expressed cell cycle-dependently and highly expressed at mitosis. As a multitasking protein, BIRC5 has dual roles in promoting cell proliferation and preventing apoptosis. Survivin is a component of a chromosome passage protein complex (CPC) which is essential for chromosome alignment and segregation during mitosis and cytokinesis. Survivin acts as an important regulator of the localization of this complex. It may counteract a default induction of apoptosis in G2/M phase.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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