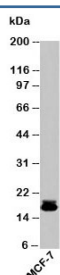


Survivin Antibody / BIRC5 (N1087)

Catalog No.	Formulation	Size
N1087-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
N1087-25UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	25 ug

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Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	332
Applications	Western Blot : 2-5ug/ml
Limitations	This Survivin antibody is available for research use only.



Western blot testing of human samples with Survivin antibody at 2ug/ml. Predicted molecular weight ~16 kDa.

Description

Survivin, also called BIRC5, is a protein encoded by the human BIRC5 gene. It is a member of the IAP (inhibitor of apoptosis) family. Survivin binds to the active form of Caspase-3 and -7, effector or executioner caspases, preventing them from continuing the apoptosis-signaling cascade. Expression is regulated by p53, a regulator of apoptosis-control genes which interacts with the Survivin gene promoter region to repress its expression at the mRNA and protein level.

Application Notes

Provided assay concentrations are suggestions only, antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from human Survivin was used as the immunogen for this antibody.

Storage

Aliquot the antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

Baculoviral IAP repeat containing 5, BIRC5