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Datasheet for ABIN534089

anti-Survivin antibody

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Overview

Quantity:	100 µL
Target:	Survivin (BIRC5)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Survivin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Mouse monoclonal antibody raised against full length recombinant BIRC5.
Immunogen:	Recombinant protein corresponding to full length human BIRC5.
Clone:	60-11
Isotype:	IgG2a
Specificity:	This antibody is specific to the cytoplasmic form of survivin. The epitope recognized is between amino acids 57-67.
Cross-Reactivity:	Human, Mouse, Rat

Target Details

Target:	Survivin (BIRC5)
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Target Details

Alternative Name:	IAP4 / BIRC5 (BIRC5 Products)
Gene ID:	332
Pathways:	Apoptosis , Cell Division Cycle , Nuclear Hormone Receptor Binding

Application Details

Application Notes:	Immunocytochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Publications

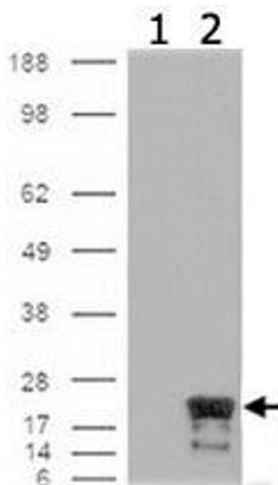
Product cited in:	<p>Brocardo, Lei, Tighe, Taylor, Mok, Henderson: "Mitochondrial targeting of adenomatous polyposis coli protein is stimulated by truncating cancer mutations: regulation of Bcl-2 and implications for cell survival." in: The Journal of biological chemistry, Vol. 283, Issue 9, pp. 5950-9, (2008) (PubMed).</p> <p>Lechler, Wu, Bernhardt, Campean, Gastiger, Hackenbeck, Klanke, Weidemann, Warnecke, Amann, Engehausen, Willam, Eckardt, Rödel, Wiesener: "The tumor gene survivin is highly expressed in adult renal tubular cells: implications for a pathophysiological role in the kidney." in: The American journal of pathology, Vol. 171, Issue 5, pp. 1483-98, (2007) (PubMed).</p> <p>Ryan, ODonovan, Browne, OShea, Crown, Hill, McDermott, OHiggins, Duffy: "Expression of survivin and its splice variants survivin-2B and survivin-DeltaEx3 in breast cancer." in: British</p>
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journal of cancer, Vol. 92, Issue 1, pp. 120-4, (2005) ([PubMed](#)).

Xu, Zhao, Ding, Tran, Zhang, Pandolfi, Chang: "Promyelocytic leukemia protein 4 induces apoptosis by inhibition of survivin expression." in: **The Journal of biological chemistry**, Vol. 279, Issue 3, pp. 1838-44, (2004) ([PubMed](#)).

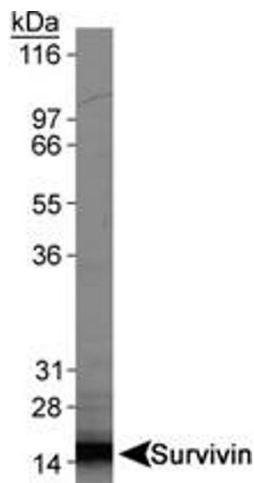
Allen, Florell, Hanks, Alexander, Diedrich, Altieri, Grossman: "Survivin expression in mouse skin prevents papilloma regression and promotes chemical-induced tumor progression." in: **Cancer research**, Vol. 63, Issue 3, pp. 567-72, (2003) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of BIRC5 on cells that were transfected with the pCMV6-ENTRY control (1) or pCMV6-ENTRY BIRC5 cDNA for 48 hrs and lysed (2) using BIRC5 monoclonal antibody, clone 60.11 . Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BIRC5.



Western Blotting

Image 2. Western blot analysis of BIRC5 in HeLa whole cell extract using BIRC5 monoclonal antibody, clone 60.11 .