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Datasheet for ABIN564418

anti-TOPORS antibody (AA 98-205)

6 Images

1 Publication

Overview

Quantity:	100 µg
Target:	TOPORS
Binding Specificity:	AA 98-205
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TOPORS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant TOPORS.
Immunogen:	TOPORS (NP_005793, 98 a.a. ~ 205 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SPDSKCPICL DRFDNVSYLE RCLHKFCFRC VQEWSKNKAECPLCKQPFDS IFHSVRAEDD FKEYVLRPSY NGSFVTPDRR FRYRTTLTRE RNASVYSPSG PVNRRTTT
Clone:	5G11
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	TOPORS
Alternative Name:	TOPORS (TOPORS Products)
Background:	Full Gene Name: topoisomerase I binding, arginine/serine-rich Synonyms: LUN,P53BP3,RP31,TP53BPL
Gene ID:	10210
NCBI Accession:	NM_005802
Pathways:	Maintenance of Protein Location

Application Details

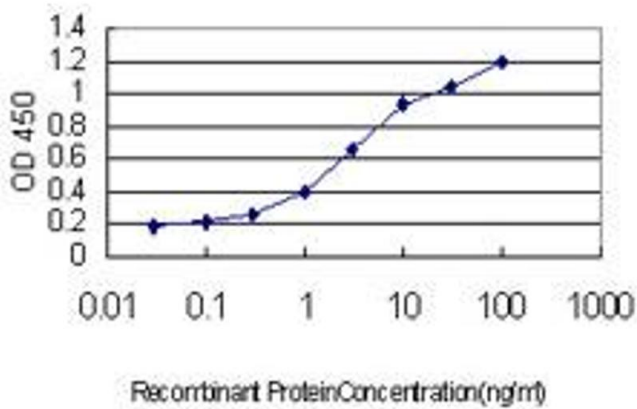
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

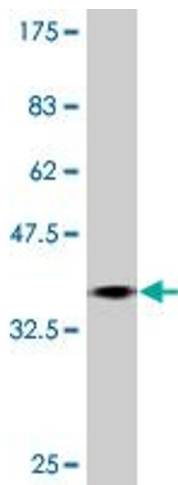
Publications

Product cited in:	Hackbarth, Galvez-Peralta, Dai, Loegering, Peterson, Meng, Karnitz, Kaufmann: "Mitotic phosphorylation stimulates DNA relaxation activity of human topoisomerase I." in: The Journal of biological chemistry , Vol. 283, Issue 24, pp. 16711-22, (2008) (PubMed).
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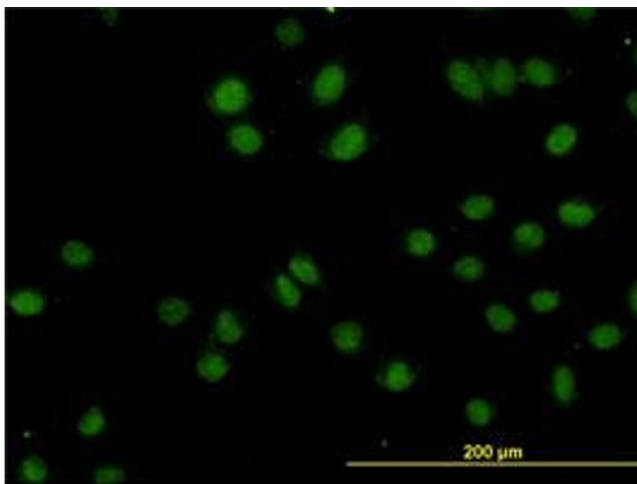
ELISA

Image 1. Detection limit for recombinant GST tagged TOPORS is approximately 0.1ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (37.62 KDa) .



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to TOPORS on HeLa cell. (antibody concentration 10 μg/mL)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN564418.