

Product datasheet for **TA309826**

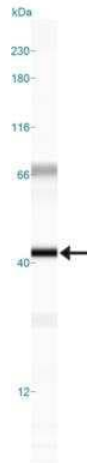
RAD51C Mouse Monoclonal Antibody [Clone ID: 2H11/6]

Product data:

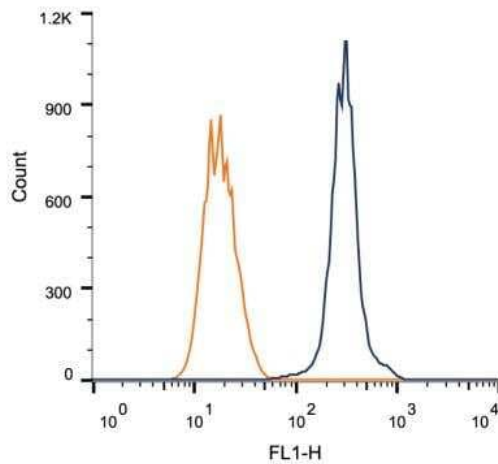
Product Type:	Primary Antibodies
Clone Name:	2H11/6
Applications:	CyTOF-ready, FC, ICC/IF, IHC, IP, Simple Western, WB
Recommended Dilution:	Simple Western: 1:100, Flow Cytometry: 1 ug per million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Western Blot: 1:1000, Immunohistochemistry-Paraffin, CyTOF-ready
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	His-tagged human Rad51C, over-expressed in E. coli.
Formulation:	PBS (physiological pH) and 0.02% Sodium Azide
Purification:	IgG purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	RAD51 paralog C
Database Link:	NP_002867 Entrez Gene 114714 Mouse Entrez Gene 5889 Human O43502
Synonyms:	BROVCA3; FANCO; R51H3; RAD51L2
Protein Families:	Druggable Genome
Protein Pathways:	Homologous recombination



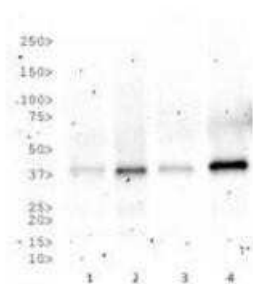
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Product images:


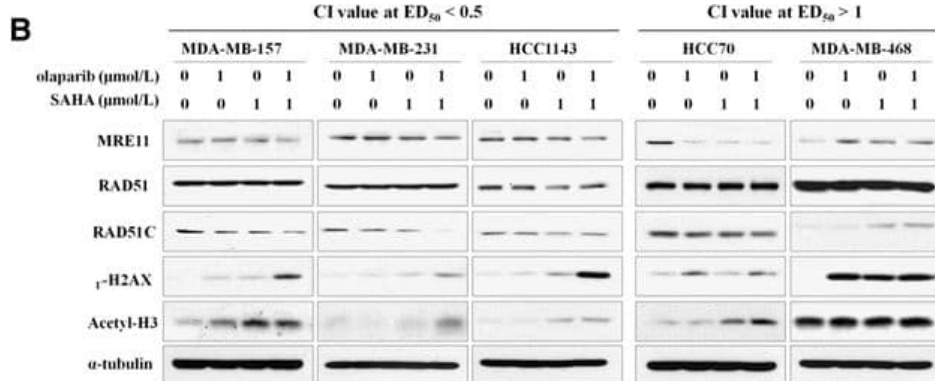
Simple Western: Rad51C Antibody (2H11/6) TA309826 - Lane view shows a specific band for Rad51C in 0.5 mg/ml of HepG2 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Flow Cytometry: Rad51C Antibody (2H11/6) TA309826 - Intracellular flow cytometric staining of 1×10^6 HeLa cells using Rad51C antibody (dark blue). Isotype control shown in orange. An antibody concentration of $1 \mu\text{g}/1 \times 10^6$ cells was used.



Western Blot: Rad51C Antibody (2H11/6) TA309826 - Analysis of RAD51c in 1) HeLa WCE 2) HepG2 WCE 3) Cos-7 WCE 4) Hek293 WCE.



Histone deacetylase (HDAC) inhibition enhances olaparib-induced DNA damage accumulation. (B) The expression of DNA damage-responsive proteins was measured by western blot analysis following treatment with olaparib and SAHA alone or in combination.