

Mouse Monoclonal Antibody to RAD21

Catalogue Number	sAP-1305
Target Molecule	<p>Name: RAD21</p> <p>Aliases: HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21</p> <p>MW: 71.7kDa</p> <p>Entrez Gene ID: 5885</p>
Description	<p>The protein encoded by this gene is highly similar to the gene product of Schizosaccharomyces pombe rad21, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells.;</p>
Immunogen	Purified recombinant fragment of human RAD21 (AA: 287-403) expressed in E. Coli.
Reactive Species	Human; Monkey; Rat;
Clone	MM1B6D1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Breast Cancer Res. 2012 Apr 26;14(2):R69. ; 2.Breast Cancer Res. 2011 Jan 21;13(1):R9.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**