

Mouse Monoclonal Antibody to RAD18

Catalogue Number	sAP-1197
Target Molecule	Name: RAD18 Aliases: RNF73 MW: 56.2kDa Entrez Gene ID: 56852
Description	The protein encoded by this gene is highly similar to <i>S. cerevisiae</i> DNA damage repair protein Rad18. Yeast Rad18 functions through its interaction with Rad6, which is an ubiquitin-conjugating enzyme required for post-replication repair of damaged DNA. Similar to its yeast counterpart, this protein is able to interact with the human homolog of yeast Rad6 protein through a conserved ring-finger motif. Mutation of this motif results in defective replication of UV-damaged DNA and hypersensitivity to multiple mutagens.;
Immunogen	Purified recombinant fragment of human RAD18 (AA: 332-430) expressed in <i>E. Coli</i> .
Recombinant Species	Human;
Clone	MM2G8D12;
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: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Nucleic Acids Res. 2013 Feb 1;41(4):2296-312. ; 2.J Exp Clin Cancer Res. 2009 Jul 25;28:106.;

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**