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[Primary Antibody]

Recombinant Rabbit Anti-RRAD Monoclonal Antibody

Catalog Number: SLA0783M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	12F8
SWISS:	P55042
Target:	RRAD
Immunogen:	Synthesized peptide derived from human protein.
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	33 kDa
Background:	Human Rad1 is a component of a heterotrimeric PCNA like complex that also contains the Rad9 and Hus1 proteins. This complex is believed to be involved in cellular responses to DNA damage, possibly by associating with Rad17 and several components of the PCNA-loading heteropentamer, replication factor C. Human Rad1 exhibits significant homology to Rad1 from S. pombe, and its expression in yeast rad1 mutants has been shown to partially restore radiation resistance and G2 checkpoint activity. It has also been shown to possess exonuclease activity.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.