

## RAD18 antibody

### Product Information

Catalog No.:	FNab07075
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

The protein encoded by this gene is highly similar to *S. cerevisiae* 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.

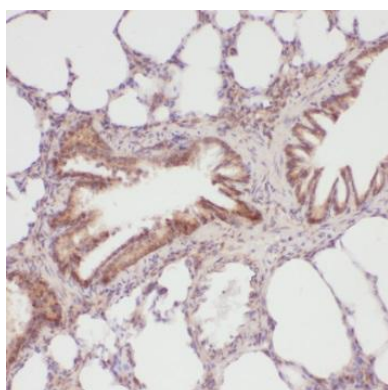
### Immunogen information

Immunogen:	RAD18 homolog
Synonyms:	E3 ubiquitin-protein ligase RAD18 Postreplication repair protein RAD18 (hHR18, hRAD18) RING finger protein 73 RING-type E3 ubiquitin transferase RAD18 RAD18 RNF73
Observed MW:	80 kDa
Uniprot ID :	Q9NS91

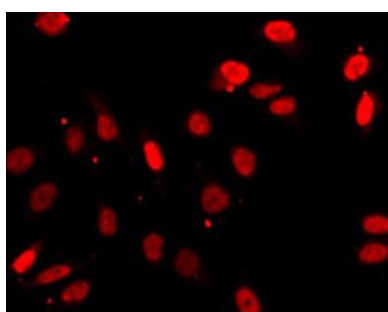
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

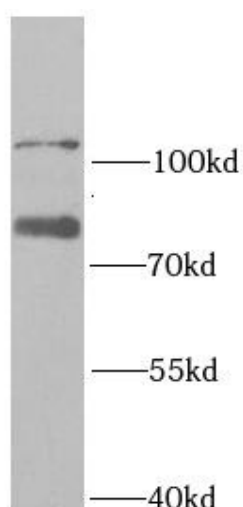
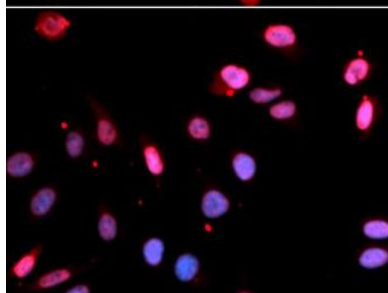
Image:



Immunohistochemistry of paraffin-embedded human lung using FNab07075(RAD18 antibody) at dilution of 1:50



Immunofluorescence analysis of U2OS cells using FNab07075( RAD18 Antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with FNab07075( RAD18 Antibody) at dilution of 1:1000