

Anti-Rad50 Rabbit mAb

Purified Rabbit Monoclonal Antibody

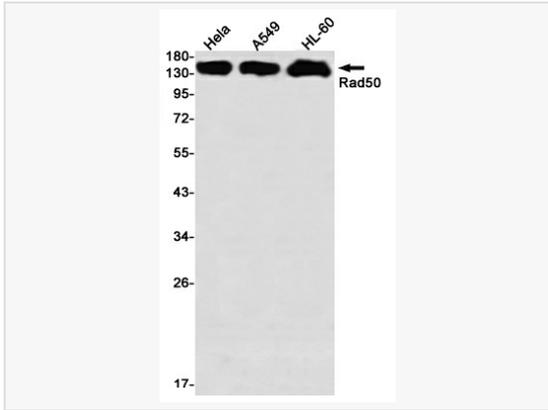
Catalog # R013513

Product Information

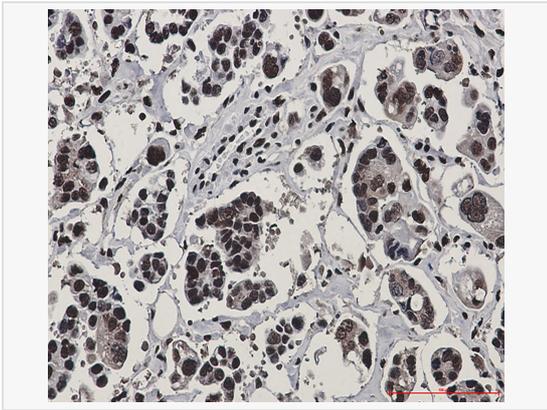
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	55K05L10
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Rad50
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Rad50 antibody [55K05L10] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	RAD50, DNA repair protein RAD50, hRAD50.
Calculated MW	Calculated MW: 154 kDa; Observed MW: 154 kDa
Uniprot ID	Q92878
Gene ID	10111
Background	Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination, maintenance of telomere integrity and meiosis. The complex possesses single-strand endonuclease activity and double-strand-specific 3'-5' exonuclease activity, which are provided by MRE11A.



Western blot analysis of Rad50 in HeLa, A549, HL-60 lysates using Rad50 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Rad50 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.