

Anti-RAD51 antibody (1-339) (STJ28190)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

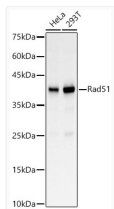
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 37kDa Observed Mw: 37kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

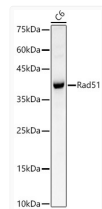
Gene ID	5888
Gene Symbol	RAD51
UniProt ID	RAD51_HUMAN
Immunogen Region	1-339
Immunogen Sequence	MAMQMQLLEANADTSVEEESF GPQPISRLEQCGINANDVKK LEEAGFHTVEAVAYAPKKE INIKGISEAKADKILAEAAK LVPMGFTTATEFHQRSEII QITGSKELDKLGGIETG SITEMFGEFRTGKTQICHTL AVTCQLPIDRGGGEGKAMYI DTEGTFRPERLLAVAERYGL SGSDVLDNVAYARAFNTDQ TQLLYQASAMMVESRYALLI VDSATALYRRTDYSGRGELS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-339 of human Rad51 (NP_002866.2).

ADDITIONAL INFORMATION

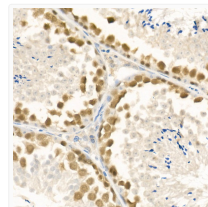
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



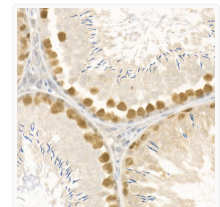
Western blot analysis of various lysates, using Rad51 antibody (STJ28190) at 1:400 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of C6, using Rad51 antibody (STJ28190) at 1:400 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded mouse testis using Rad51 rabbit polyclonal antibody (STJ28190) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat testis using Rad51 rabbit polyclonal antibody (STJ28190) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.