

Mouse anti-Human ERCC1 Monoclonal Antibody | anti-ERCC1 antibody

ERCC1 Antibody (C-term)

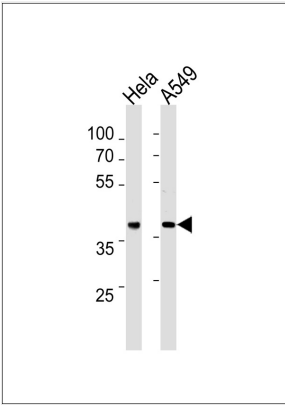
CATALOG # AAA283586	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

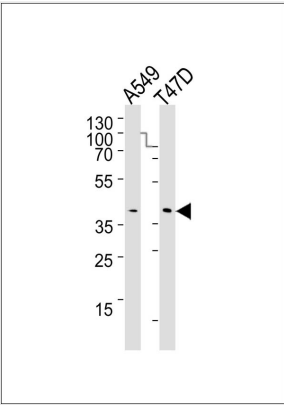
ERCC1; Monoclonal Antibody; ERCC1 Antibody (C-term); DNA excision repair protein ERCC-1; anti-ERCC1 antibody

PRODUCT SPECIFICATIONS

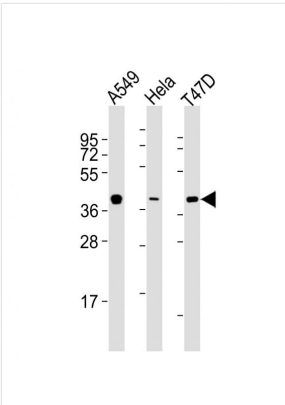
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgM,k
Clone Number	752CT13.2.5
Specificity	This ERCC1 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 268-297 amino acids from the C-terminal region of human ERCC1.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.12 (varies by lot)
Sequence Positions	268-297
Sequence Length	273
Applicable Applications for anti-ERCC1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
ERCC1 Antibody (C-term) western blot analysis in HeLa,A549 cell line lysates (35ug/lane).This demonstrates the ERCC1 antibody detected the ERCC1 protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from A549, T47D cell line (from left to right), using ERCC1 Antibody (C-term). AAA283586 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



WB (Western Blot)
All lanes : Anti-ERCC1 Antibody (C-term) at 1:2000 dilutionLane 1: A549 whole cell lysatesLane 2: HeLa whole cell lysatesLane 3: T47D whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 33 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ERCC1 antibody	Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair.
Product Categories/Family for anti-ERCC1 antibody	Crown Antibodies; Cancer
References	van Duin M., et al. Cell 44:913-923(1986). Hoeijmakers J.H.J., et al. Cold Spring Harb. Symp. Quant. Biol. 51:91-101(1986). Yu J.J., et al. Mutat. Res. 382:13-20(1997). Hisatomi H., et al. Submitted (AUG-2001) to the EMBL/GenBank/DDBJ databases. Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260593725
NCBI GeneID	2067
NCBI Accession #	NP_001159521.1; NP_001974.1; NP_973730.1
NCBI GenBank Nucleotide #	NM_001166049.1

UniProt Accession #	P07992; Q7Z7F5; Q96S40; B2RC01; B3KRR0
Molecular Weight	32562
NCBI Official Full Name	DNA excision repair protein ERCC-1 isoform 3
NCBI Official Synonym Full Names	excision repair cross-complementation group 1
NCBI Official Symbol	ERCC1
NCBI Official Synonym Symbols	UV20; COFS4; RAD10
NCBI Protein Information	DNA excision repair protein ERCC-1
UniProt Protein Name	DNA excision repair protein ERCC-1
UniProt Gene Name	ERCC1
UniProt Entry Name	ERCC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/ercc1-antibody-clone-752ct13-2-5-western-blot-elisa/283586>