

Datasheet for ABIN1882194
anti-ERCC1 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	ERCC1
Binding Specificity:	AA 268-297, C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ERCC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	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.
Clone:	752CT13-2-5
Isotype:	IgM kappa
Purification:	This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

Target Details

Target:	ERCC1
Alternative Name:	ERCC1 (ERCC1 Products)
Background:	Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair.

Target Details

Molecular Weight:	32562
NCBI Accession:	NP_001159521 , NP_001974 , NP_973730
UniProt:	P07992
Pathways:	DNA Damage Repair , Production of Molecular Mediator of Immune Response

Application Details

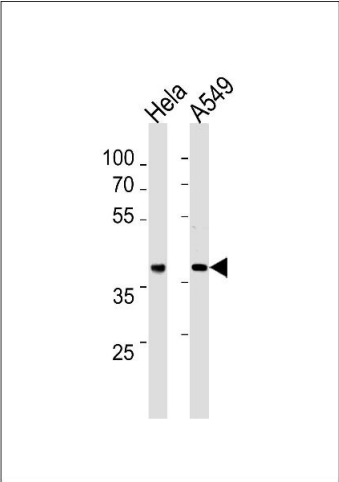
Application Notes:	WB: 1:2000. WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

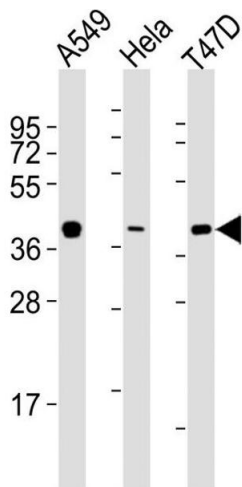
Publications

Product cited in:	Hirakawa, Nakayama, Shibata, Sekine: "Association of cellular localization of glycogen synthase kinase 3beta in the digestive tract with cancer development." in: Oncology reports , Vol. 22, Issue 3, pp. 481-5, (2009) (PubMed).
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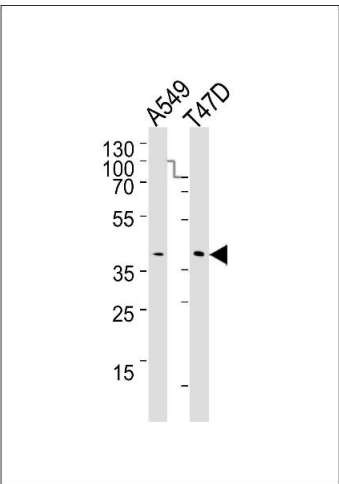
Western Blotting

Image 1. ERCC1 Antibody (C-term) (ABIN1882194 and ABIN2843349) western blot analysis in HeLa,A549 cell line lysates (35 µg/lane).This demonstrates the ERCC1 antibody detected the ERCC1 protein (arrow).



Western Blotting

Image 2. All lanes : Anti-ERCC1 Antibody (C-term) at 1:2000 dilution Lane 1: A549 whole cell lysates Lane 2: HeLa whole cell lysates Lane 3: T47D whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 33 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Western blot analysis of lysates from A549, T47D cell line (from left to right), using ERCC1 Antibody (C-term) (ABIN1882194 and ABIN2843349). (ABIN1882194 and ABIN2843349) 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 20 µg per lane.