

Anti-ERCC1 Antibody

Catalog # AP95817

Product Information

Application	WB, IHC, FC
Primary Accession	P07992
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	32562

Additional Information

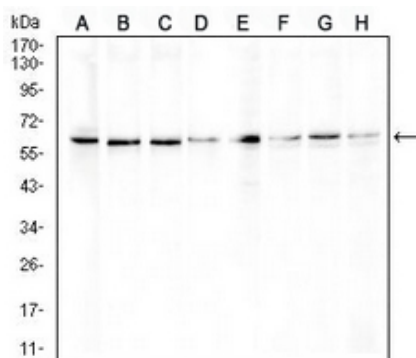
Gene ID	2067
Other Names	DNA excision repair protein ERCC-1
Target/Specificity	Recombinant fusion protein of human ERCC1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

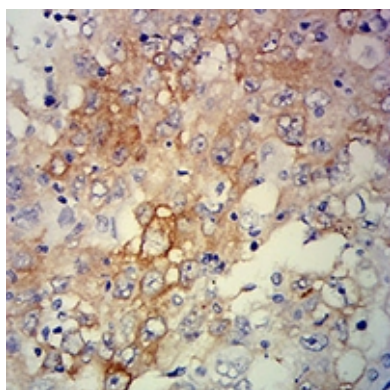
Name	ERCC1
Function	[Isoform 1]: Non-catalytic component of a structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair. Responsible, in conjunction with SLX4, for the first step in the repair of interstrand cross-links (ICL). Participates in the processing of anaphase bridge-generating DNA structures, which consist in incompletely processed DNA lesions arising during S or G2 phase, and can result in cytokinesis failure. Also required for homology-directed repair (HDR) of DNA double-strand breaks, in conjunction with SLX4.
Cellular Location	[Isoform 1]: Nucleus [Isoform 3]: Nucleus

Images

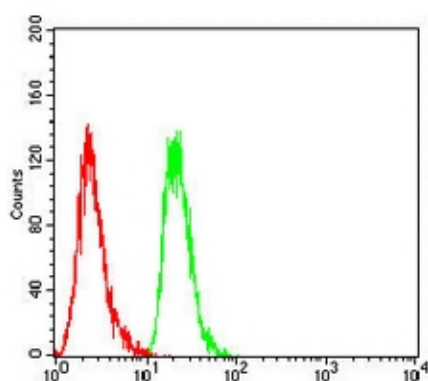
Western blot analysis of ERCC1 expression in NIH/3T3 (A), MCF7 (B), Hela (C), SKBr3 (D), HepG2 (E), Raji (F), PC3 (G),



K562 (H) whole cell lysates. (Predicted band size: 33 kD;
Observed band size: 60 kD)



Immunohistochemical analysis of ERCC1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of HeLa cells using Anti-ERCC1 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.