

Datasheet for ABIN7193901
anti-XRCC1 antibody (AA 1-150)



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Overview

Quantity:	100 µL
Target:	XRCC1
Binding Specificity:	AA 1-150
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This XRCC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	XRCC1 Antibody
Immunogen:	Purified recombinant fragment of human XRCC1 (AA: 1-150) expressed in E. Coli.
Clone:	4D10D3
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	XRCC1
Alternative Name:	XRCC1 (XRCC1 Products)
Background:	The protein encoded by this gene is involved in the efficient repair of DNA single-strand breaks

Target Details

formed by exposure to ionizing radiation and alkylating agents. This protein interacts with DNA ligase III, polymerase beta and poly (ADP-ribose) polymerase to participate in the base excision repair pathway. It may play a role in DNA processing during meiosis and recombination in germ cells. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity.

Molecular Weight:	69.5 kDa
Gene ID:	7515
UniProt:	P18887
Pathways:	DNA Damage Repair

Application Details

Application Notes:	ELISA: 1/10000 FCM: 1/200 - 1/400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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
Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.