

Datasheet for ABIN515879
anti-XRCC6 antibody (AA 1-609)



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3 Images

Overview

Quantity:	100 µg
Target:	XRCC6
Binding Specificity:	AA 1-609
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This XRCC6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant XRCC6.
Immunogen:	XRCC6 (AAH18259, 1 a.a. ~ 609 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSGWESYYKT EGDEEAEEEEQ EENLEASGDY KYSGRDSLIF LVDASKAMFE SQSEDELTPF DMSIQCIQSV YISKIISDR DLLAVVFGT EKDKNSVNFK NIYVLQELDN PGAKRILELD QFKGQQGQKR FQDMMGHGSD YSLSEVLWVC ANLFSDVQFK MSHKRIMLFT NEDNPHGNDS AKASRARTKA GDLRDTGIFL DLMHLKKPGG FDISLFYRDT ISIAEDEDLR VHFEESKLE DLLRKVRAKE TRKRALSRLK LKLNKDIVIS VGIYNLVQKA LKPPPIKLYR ETNEPVKTKT RTFNTSTGGL LLPSDTKRSQ IYGSRQIILE KEETEELKRF DDPGLMLMGF KPLVLLKKHH YLRPSLFVYP EESLVIGSST LFSALLIKCL EKEVAALCRY TPRRNIPPYF VALVPQEEEL DDQKIQVTPP GFQLVFLPFA DDKRKMPFTE KIMATPEQVG KMKAIVEKLR FTYRSDSFEN PVLQQHFRNL EALALDLMEP EQAVDLTLPK VEAMNKRLGS LVDEFKELVY PPDYNPEGKV

Product Details

	TKRKHDNEGS GSKRPKVEYS EEELKTHISK GTLGKFTVPM LKEACRAYGL KSG LKKQELL EALTKHFQD
Clone:	3D12
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

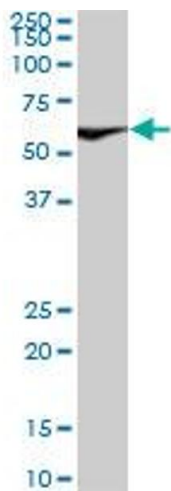
Target:	XRCC6
Alternative Name:	XRCC6 (XRCC6 Products)
Background:	Full Gene Name: X-ray repair complementing defective repair in Chinese hamster cells 6 Synonyms: CTC75,CTCBF,G22P1,KU70,ML8,TLAA
Gene ID:	2547
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

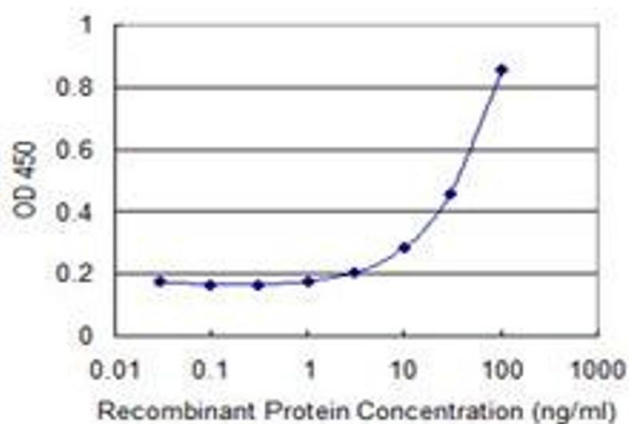
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



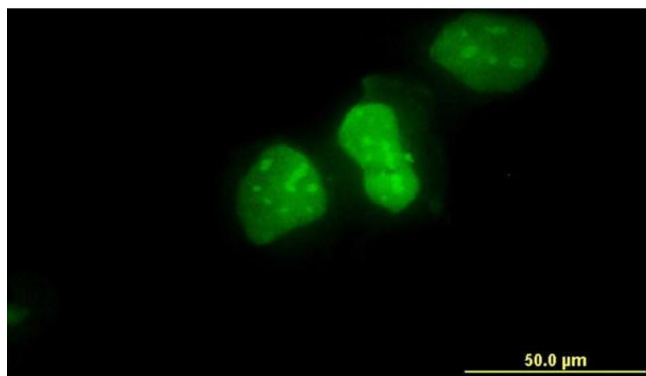
Western Blotting

Image 1. XRCC6 monoclonal antibody (M05), clone 3D12. Western Blot analysis of XRCC6 expression in HeLa S3 NE .



ELISA

Image 2. Detection limit for recombinant GST tagged XRCC6 is 1 ng/ml as a capture antibody.



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to XRCC6 on HeLa cell. [antibody concentration 10 ug/ml]