

Datasheet for ABIN7539756
anti-XPC antibody (AA 32-133)



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Overview

Quantity:	100 µL
Target:	XPC
Binding Specificity:	AA 32-133
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This XPC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	XPC Antibody
Immunogen:	Purified recombinant fragment of human XPC (AA: 32-133) expressed in mammalian.
Clone:	5F4D3
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	XPC
Alternative Name:	XPC (XPC Products)

Target Details

Background:	The protein encoded by this gene is a key component of the XPC complex, which plays an important role in the early steps of global genome nucleotide excision repair (NER). The encoded protein is important for damage sensing and DNA binding, and shows a preference for single-stranded DNA. Mutations in this gene or some other NER components can result in Xeroderma pigmentosum, a rare autosomal recessive disorder characterized by increased sensitivity to sunlight with the development of carcinomas at an early age. Alternatively spliced transcript variants have been found for this gene.
Molecular Weight:	106 kDa
UniProt:	Q01831
Pathways:	p53 Signaling , DNA Damage Repair

Application Details

Application Notes:	ELISA: 1/10000 FCM: 1/200 - 1/400 ICC: 1/50 - 1/200
Restrictions:	For Research Use only

Handling

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.