Datasheet for ABIN931131

anti-NEIL3 antibody

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Overview

Quantity:	100 µg
Target:	NEIL3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NEIL3 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	NEIL3 antibody was raised in mouse using recombinant Human Nei Endonuclease Viii-Like 3 (E. Coli)
Clone:	2627C1b
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	NEIL3
Alternative Name:	NEIL3 (NEIL3 Products)

Target Details

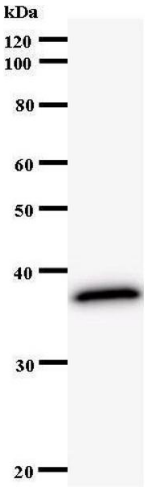
Background:	NEIL3 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family. These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction. Synonyms: Monoclonal NEIL3 antibody, Anti-NEIL3 antibody, Nei endonuclease VIII-like 3 antibody, FPG2 antibody, hFPG2 antibody, hNEI3 antibody, FLJ10858 antibody.
Pathways:	DNA Damage Repair

Application Details

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

Handling

Concentration:	Lot specific
Buffer:	NEIL3 antibody in PBS (3.0 mM KCl, 1.5 mM KH2 PO4 , 140 mM NaCl, 8.0 mM Na2 HPO4 (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN3).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.