

Datasheet for ABIN932472

anti-ERCC6 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ERCC6
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Dot Blot (DB)

Product Details

Immunogen:	ERCC6 antibody was raised in mouse using recombinant Human Excision Repair Cross-Complementing Rodent Repair Deficiency, Complementation Group 6 (Ercc6)
Clone:	553C5a
Isotype:	IgG2b
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	ERCC6
Alternative Name:	ERCC6 (ERCC6 Products)
Background:	This gene encodes a DNA-binding protein that is important in transcription-coupled excision

Target Details

repair. The protein has ATP-stimulated ATPase activity, there are contradictory publications reporting presence or absence of helicase activity. The protein appears to interact with several transcription and excision repair proteins, and may promote complex formation at repair sites. Mutations in this gene result in Cockayne syndrome type B. Synonyms: Monoclonal ERCC6 antibody, Anti-ERCC6 antibody, Excision repair cross complementing rodent repair deficiency, complementation group 6 antibody, CSB antibody, CKN2 antibody, COFS antibody, ARMD5 antibody, COFS1 antibody, RAD26 antibody.

Pathways: [DNA Damage Repair, Chromatin Binding](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: ERCC6 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.