

Datasheet for ABIN931164

**anti-ERCC8 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	ERCC8
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ERCC8 antibody is un-conjugated
Application:	Dot Blot (DB)

## Product Details

Immunogen:	ERCC8 antibody was raised in mouse using recombinant Human Excision Repair Cross-Complementing Rodent Repair Deficiency, Complementation Group 8
Clone:	235C3a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

## Target Details

Target:	ERCC8
Alternative Name:	ERCC8 ( <a href="#">ERCC8 Products</a> )

## Target Details

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**Background:** This gene encodes a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). CS cells are abnormally sensitive to ultraviolet radiation and are defective in the repair of transcriptionally active genes. Synonyms: Monoclonal ERCC8 antibody, Anti-ERCC8 antibody, Excision repair cross complementing rodent repair deficiency complementation group 8 antibody, CSA antibody.

**Pathways:** [DNA Damage Repair, Positive Regulation of Response to DNA Damage Stimulus](#)

## Application Details

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

**Restrictions:** For Research Use only

## Handling

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**Concentration:** Lot specific

**Buffer:** ERCC8 antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub> PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub> HPO<sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

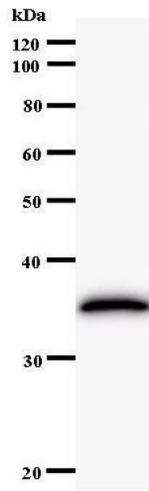
**Preservative:** Sodium azide

**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.