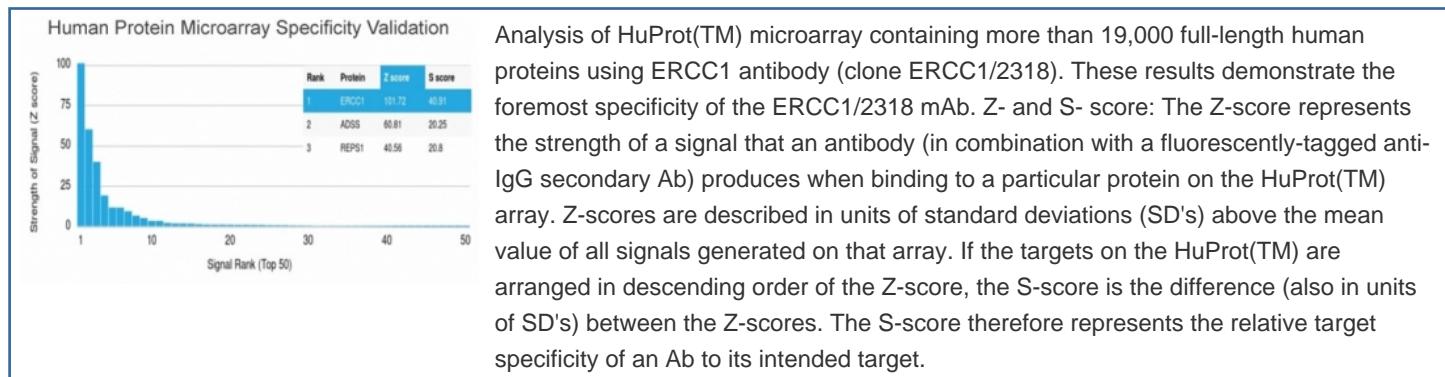


## ERCC1 Antibody [clone ERCC1/2318] (V9134)

Catalog No.	Formulation	Size
V9134-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9134-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9134SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, kappa
<b>Clone Name</b>	ERCC1/2318
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P07992
<b>Localization</b>	Nuclear
<b>Applications</b>	ELISA (order BSA-free Format For Coating) :
<b>Limitations</b>	This ERCC1 antibody is available for research use only.



## Description

Recognizes a protein of 110kDa, identified as Excision Repair Cross Complementing 1 (ERCC1). It is a mammalian nucleotide excision repair (NER) enzyme involved in repair of damaged DNA. ERCC1 is a homologous to RAD10 in *Saccharomyces cerevisiae*, which is required in mitotic intrachromosomal recombination and repair. ERCC1 is required in repair of cisplatin-induced DNA adducts and ultraviolet (UV)-induced DNA damage. High expression of ERCC1 has been linked to tumor progression in a variety of cancers including non-small cell lung cancer (NSCLC), squamous cell carcinoma of the head, ovarian cancer and esophageal cancer.

## Application Notes

Optimal dilution of the ERCC1 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 191-281 was used as the immunogen for the ERCC1 antibody.

## Storage

Aliquot the ERCC1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.