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GOAT ANTI-ERCC1 ANTIBODY

SKU: EB08190

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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	excision repair protein|excision repair cross-complementing 1|UV20|COFS4|excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)|ERCC1
Usage Summary	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Accession ID	NP_973730.1; NP_001974.1
Blocking Peptide	EBP08190
Immunogen	Peptide with sequence DPGKDKEGVPQPS-C, from the N Terminus of the protein sequence according to NP_973730.1; NP_001974.1.
Product Comments	This antibody is expected to recognise both reported isoforms (NP_973730.1 and NP_001974.1).
Peptide Sequence	DPGKDKEGVPQPS-C
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human
Reactive Species	Human
Human Gene ID	2067
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Approx 38kDa band observed in lysates of cell lines A431 and Kelly (calculated MW of 35.6kDa according to NP_973730.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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