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GOAT ANTI-EGFR ANTIBODY

SKU: EB06962

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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	EGFR|epidermal growth factor receptor|erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian|HGNC:3236|ERBB|ERBB1|mENA|avian erythroblastic leukemia viral (v-erb-b) oncogene homolog|epidermal growth factor receptor|epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog)|truncated epidermal growth factor receptor
Usage Summary	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Accession ID	NP_005219.2
Blocking Peptide	EBP06962
Immunogen	Peptide with sequence C-QKGSHQISLDNPD, from the internal region of the protein sequence according to NP_005219.2.
Product Comments	This antibody is expected to recognise isoform a (NP_005219.2) only.
Peptide Sequence	C-QKGSHQISLDNPD
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	1956
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 1:128000.
Western Blot	Approx 170kDa band observed in lysates of cell line HeLa (calculated MW of 134kDa according to NP_005219.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.1-0.3µg/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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