

EGFR antibody [N1-2], N-term

Cat. No. GTX121919

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, FCM, IP, PLA
Reactivity	Human, Mouse, Rat

References (27)

★★★★☆ Review (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
FCM	Assay dependent
IP	1:100-1:500
PLA	Assay dependent

Not tested in other applications.

Calculated MW	134 kDa. (Note)
Observed MW (kDa)	180 kDa.
Product Note	KO/KD validation is based on published data (PMID: 25366117).

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.04 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human EGFR. The exact sequence is proprietary.



For full product information, images and publications, please visit our [website](#).

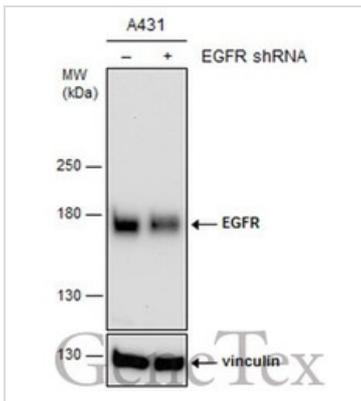
Purification Purified by antigen-affinity chromatography.

Conjugation Unconjugated

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

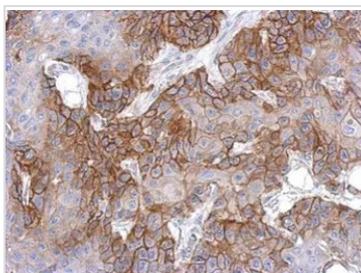
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DATA IMAGES



GTX121919 WB Image

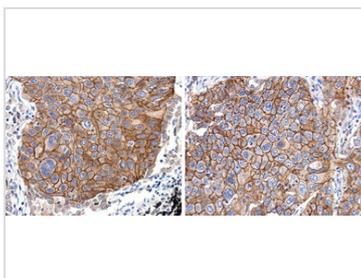
Non-transfected (-) and transfected (+) A431 whole cell extracts (15 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with EGFR antibody [N1-2], N-term (GTX121919) diluted at 1:12000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX121919 IHC-P Image

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using EGFR(GTX121919) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX121919 IHC-P Image

EGFR antibody [N1-2], N-term detects EGFR protein at cell membrane in human non-small cell lung cancer by immunohistochemical analysis.

Sample: Two independent paraffin-embedded human non-small cell lung cancer.

EGFR antibody [N1-2], N-term (GTX121919) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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