

EGFR antibody [HL1097]

Cat. No. GTX642543

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 175 kDa.

Product Note This antibody may not be suitable for mouse IHC-P assay, as its mouse reactivity is based on WB testing. This antibody was raised against human EGFR Intracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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 mg/ml
Immunogen	Recombinant protein encompassing a sequence within the Intracellular domain of human EGFR. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

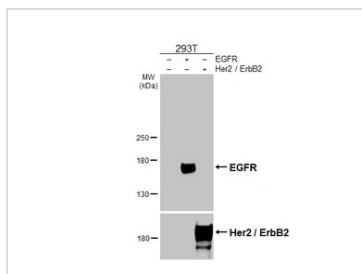


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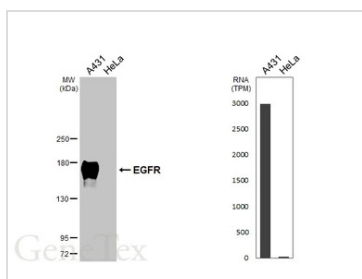
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Note

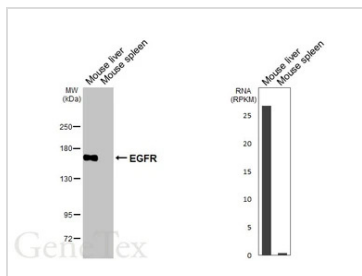
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DATA IMAGES

GTX642543 WB Image

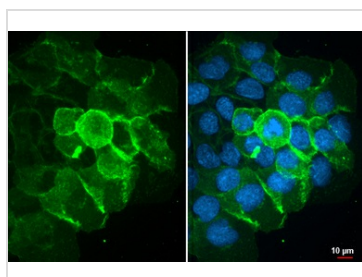
Non-transfected (–) and transfected (+) 293T whole cell extracts (30 | 36 | 50 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with EGFR antibody [HL1097] (GTX642543) diluted at 1:5000 and Her2 / ErbB2 antibody (GTX100509) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX642543 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with EGFR antibody [C2C3], C-term (GTX642543) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on Human Protein Atlas program.


GTX642543 WB Image

Various tissue extracts (50 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with EGFR antibody [HL1097] (GTX642543) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on NCBI database.


GTX642543 ICC/IF Image

EGFR antibody [HL1097] detects EGFR protein by immunofluorescent analysis. Sample: A431 cells were fixed in ice-cold MeOH for 5 min. Green: EGFR stained by EGFR antibody [HL1097] (GTX642543) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).



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