EGFR (L858R) Monoclonal Antibody
CAB5031

Description

This EGFR (L858R) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB5031
Contents:	20 µL, 100 µL
	Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	ERBB, ERRP, HER1, mENA, ERBB1, PIG61, NISBD2, EGFR (L858R)
Clone:	ARC1139
Applications:	WB IHC-P ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse

Antibody Data

Gene ID:	1956
Uniprot:	AB_2863421
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	175kDa
Calculated MW:	134kDa

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.
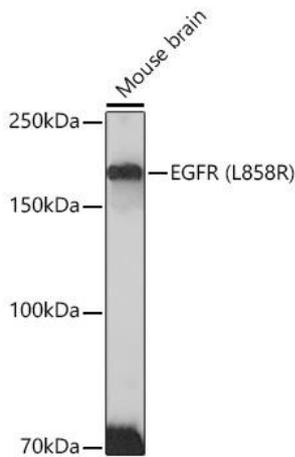
Preparation & Storage

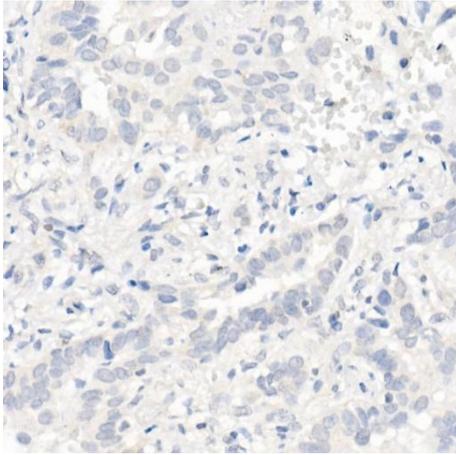|	
Storage:	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Positive Sample:	Mouse brain

Recommended Dilutions:

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

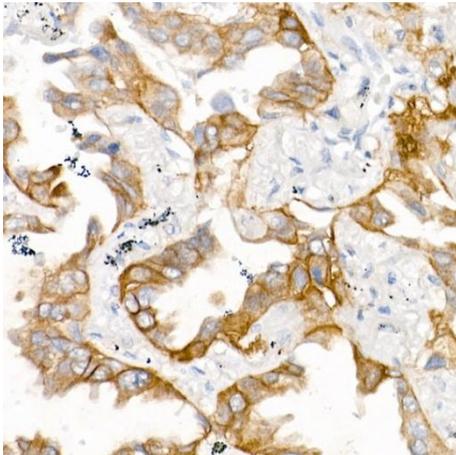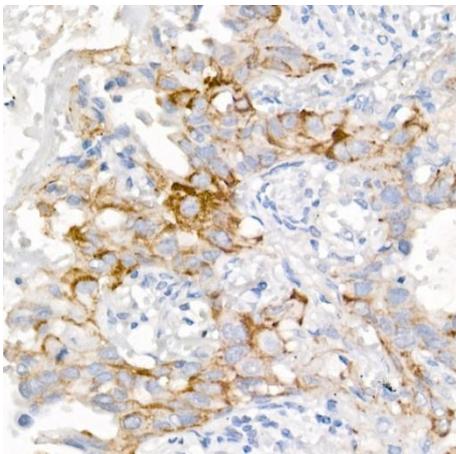|	
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data

Western blot analysis of lysates from Mouse brain, using EGFR (L858R) Rabbit mAb (CAB5031) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 3min.

Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma (egfr-l858r negative sample) using EGFR (L858R) Rabbit mAb (CAB5031) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma (egfr-l858r positive sample) using EGFR (L858R) Rabbit mAb (CAB5031) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma (egfr-l858r positive sample) using EGFR (L858R) Rabbit mAb (CAB5031) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.