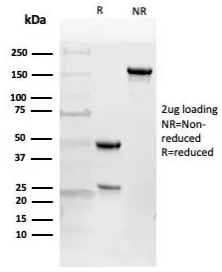
EGFR Antibody / EGF Receptor [clone 225] (V5390)

Catalog No.	Formulation	Size
V5390-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5390-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5390SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	225
Purity	Protein A/G affinity
UniProt	P00533
Localization	Cell Surface
Applications	Immunofluorescence: 1-3ug/ml Western blot: 2-4ug/ml
Limitations	This EGFR antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free EGFR antibody (clone 225) as confirmation of integrity and purity.

Description

EGFR (Epidermal growth factor receptor, HER1, ErbB1) is encoded by the EGFR gene located on chromosome 7 in

humans. EGFR belongs to the HER/ERbB family of proteins that includes three other receptor tyrosine kinases, ERbB2, ERbB3, ERbB4. EGFR is a transmembrane receptor and binding of its cognate ligands such as EGF (Epidermal Growth Factor) and TGF alpha (Transforming Growth Factor alpha) to the extracellular domain leads to EGFR dimerization followed by autophosphorylation of the tyrosine residues in the cytoplasmic domain.

Application Notes

Optimal dilution of the EGFR antibody should be determined by the researcher.

Immunogen

Purified EGF Receptor protein from A431 cells was used as the immunogen for the EGFR antibody.

Storage

Aliquot the EGFR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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