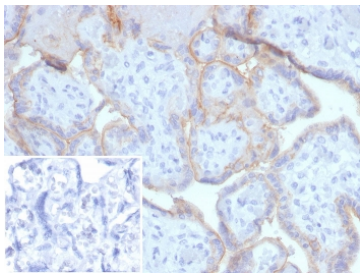
EGF Receptor Antibody / EGF Receptor [clone EGFR/4616] (V5196)

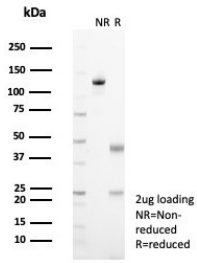
Catalog No.	Formulation	Size
V5196-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5196-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5196SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	EGFR/4616
Purity	Protein A/G affinity
UniProt	P00533
Localization	Cell Surface,
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This EGF Receptor antibody is available for research use only.



IHC staining of FFPE human placental tissue with EGF Receptor antibody (clone EGFR/4616). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free EGF Receptor antibody (clone EGFR/4616) as confirmation of integrity and purity.

Description

This mAb recognizes a protein of 170kDa, identified as EGFR. EGFR is type I receptor tyrosine kinase with sequence homology to erbB-1, -2, -3 -4 or HER-1, -2, -3 -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor-a (TGF-a), Heparin-binding EGF (HB-EGF), amphiregulin, betacellulin and epiregulin. EGFR is overexpressed in tumors of breast, brain, bladder, lung, gastric, head & neck, esophagus, cervix, vulva, ovary, and endometrium. It is predominantly present in squamous cell carcinomas.

Application Notes

Optimal dilution of the EGF Receptor antibody should be determined by the researcher.

Immunogen

A His-tagged human protein fragment was used as the immunogen for the EGF Receptor antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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