

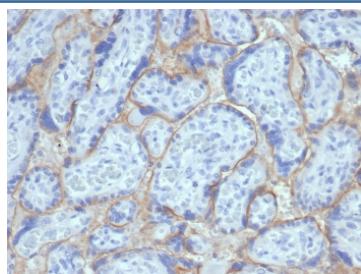
## EGFR / EGF Receptor Antibody (Extracellular domain) [clone EGFR/6390R] (V9274)

Catalog No.	Formulation	Size
V9274-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9274-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9274SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

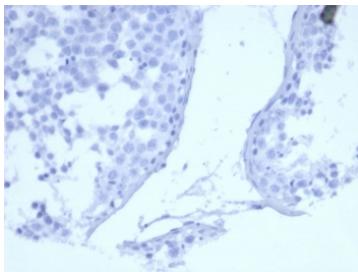
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

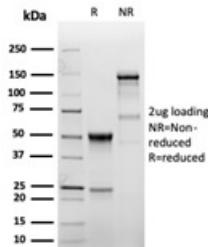
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	EGFR/6390R
Purity	Protein A/G affinity
UniProt	P00533
Localization	Cell Surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant EGFR antibody is available for research use only.



IHC staining of FFPE human placental tissue with recombinant EGFR antibody (clone EGFR/6390R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC staining of FFPE human testis tissue with recombinant EGFR antibody (EGFR/6390R) at 2ug/ml in PBS for 30min RT. 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 recombinant EGFR antibody (clone EGFR/6390R) 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- $\alpha$  (TGF- $\alpha$ ), 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 recombinant EGFR antibody should be determined by the researcher.

## Immunogen

Amino acids 25-645 from the extracellular domain of the human protein were used as the immunogen for the recombinant EGF Receptor antibody.

## Storage

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