

Product Datasheet

Anti-EGFR Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL0682a

Product Information

Product name	Anti-EGFR Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:50-1:500
Cellular localization	Secreted and Cell membrane. Endoplasmic reticulum membrane. Golgi apparatus membrane. Nucleus membrane. Endosome. Endosome membrane. Nucleus.	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	The epidermal growth factor (EGF) receptor is a transmembrane tyrosine kinase that belongs to the HER/ErbB protein family. Ligand binding results in receptor dimerization, autophosphorylation, activation of downstream signaling, internalization, and lysosomal degradation. Exons in the EGFR gene product are frequently either deleted or duplicated to produce deletion mutants (DM) or tandem duplication mutants (TDM), respectively, which are detected at various molecular weights. EGFR is involved in organ morphogenesis and maintenance and repair of tissues, but upregulation of EGFR is associated with tumor progression.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of EGFR.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

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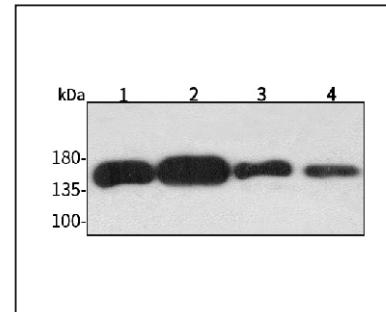
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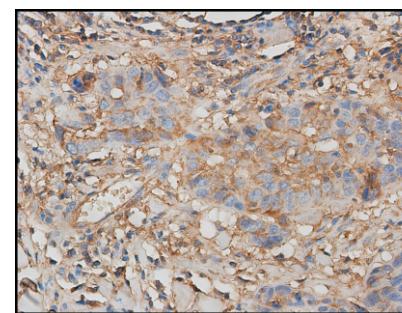
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Product Images



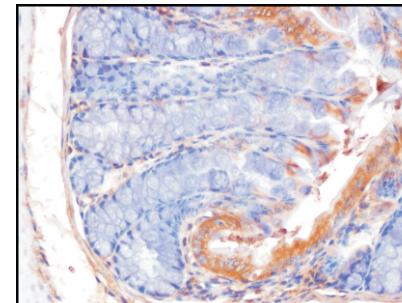
Western blot-Anti-EGFR pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-EGFR at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 134 kDa
 Observed band size: 175 kDa



Immunohistochemistry-Anti-EGFR pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-EGFR Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-EGFR pAb

Immunohistochemical analysis of paraffin-embedded mouse colon using anti-EGFR Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0