Anti-P-EGFR(Tyr 1172) Rabbit pAb

WL03432

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-P-EGFR(Tyr 1172) Rabbit pAb
Source	Rabbit
Species reactivity	Human, Mouse, Rat
Tested applications	Western blot 1:1000-1:2000 Immunohistochemistry 1:100-1:200 **Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*
Molecular Wt.	175 kDa
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 P-EGFR(Tyr 1172).

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

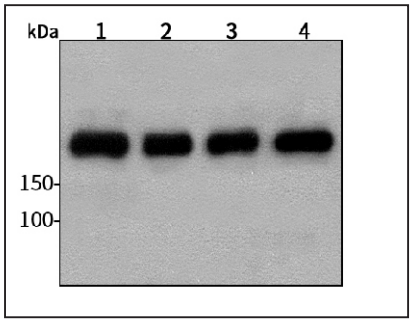
Product Datasheet

Anti-P-EGFR(Tyr 1172) Rabbit pAb

WL03432

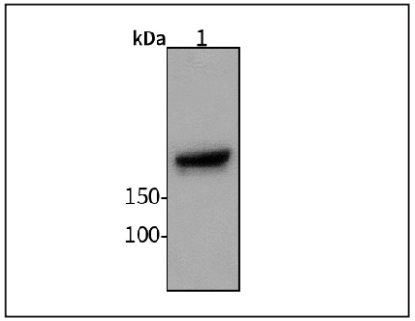
For Research Use Only.Not For Use In Diagnostic Procedures

Product Images



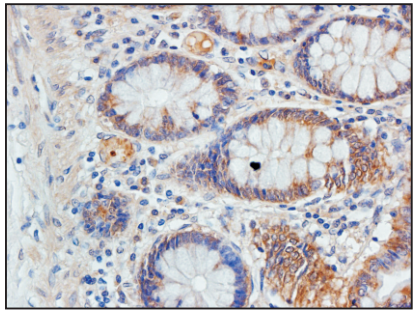
Western blot-Anti-P-EGFR(Tyr 1172) pAb

Lane 1: Human HepG2 cell lysate 30μg
Lane 2: Human Hela cell lysate 30μg
Lane 3: Human BGC-823 cell lysate 30μg
Lane 4: Human MCF-7 cell lysate 30μg
Separation gel: 6% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Secondary antibody（WLA023a）: 1:5000-1:10000, 45min
Detection: ECL, 30s-2min



Western blot-Anti-P-EGFR(Tyr 1172) pAb

Lane 1: Rat lung tissue lysate 30μg
Separation gel: 6% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Secondary antibody（WLA023a）: 1:5000-1:10000, 45min
Detection: ECL, 30s-2min



Immunohistochemistry-Anti-P-EGFR(Tyr 1172) pAb

Sample: Human colon cancer tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB

Wanleibio Co.,Ltd. 400-602-0407 sales@wanleibio.com www.wanleibio.com