

# Phospho-EGFR (Tyr1197) Polyclonal Antibody

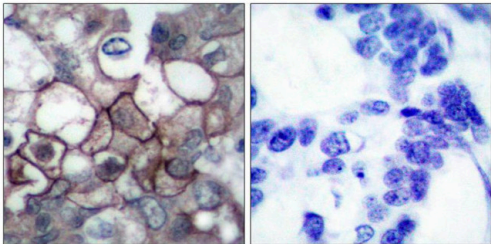
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around phosphorylation site of tyrosine 1197 (A-E-Y(p)-L-R) derived from Human EGFR.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2554162

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-

## Product Specific Information

A suggested positive control for Western blot is HUVEC cells; suggested positive control for IHC is human breast carcinoma.

## Product Images For Phospho-EGFR (Tyr1197) Polyclonal Antibody



**Phospho-EGFR (Tyr1197) Antibody (PA5-37553) in IHC (P)**  
Immunohistochemical analysis of Phospho-EGFR (Tyr1197) in paraffin-embedded Human breast carcinoma tissue using Phospho-EGFR (Tyr1197) Polyclonal Antibody (Product # PA5-37553) (left) or the same antibody preincubated with blocking peptide (right).

Western Blot (2)

<p>PLoS genetics</p> <p><b>Elevated phosphorylation of EGFR in NSCLC due to mutations in PTPRH.</b></p> <p>"Published figure using Phospho-EGFR (Tyr1197) polyclonal antibody (Product # PA5-37553) in Immunohistochemistry"</p> <p>Authors: Swiatnicki MR,Rennhack JP,Ortiz MMO,Hollern DP,Perry AV,Kubiak R,Riveria Riveria SM,O'Reilly S, Andrechek ER</p>	<p>Year 2022</p>
<p>Nature communications</p> <p><b>Integrated analyses of murine breast cancer models reveal critical parallels with human disease.</b></p> <p>"PA5-37553 was used in Western Blotting to underscore the importance of understanding the complete genomic landscape of a mouse model and illustrate the utility this has in understanding human cancers."</p> <p>Authors: Rennhack JP,To B,Swiatnicki M,Dulak C,Ogrodzinski MP,Zhang Y,Li C,Bylett E,Ross C,Szczepanek K, Hanrahan W,Jayatissa M,Lunt SY,Hunter K,Andrechek ER</p>	<p>Year 2019</p> <p>Species Mouse</p> <p>Dilution 1:1000</p>

Immunohistochemistry (1)

<p>PLoS genetics</p> <p><b>Elevated phosphorylation of EGFR in NSCLC due to mutations in PTPRH.</b></p> <p>"Published figure using Phospho-EGFR (Tyr1197) polyclonal antibody (Product # PA5-37553) in Immunohistochemistry"</p> <p>Authors: Swiatnicki MR,Rennhack JP,Ortiz MMO,Hollern DP,Perry AV,Kubiak R,Riveria Riveria SM,O'Reilly S, Andrechek ER</p>	<p>Year 2022</p>
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