

## 10-9535: Recombinant Rabbit Monoclonal Antibody to Phosphotyrosine (Clone: RM111)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM111
<b>Application :</b>	WB,IP,ICC,IHC,FACS,ELISA
<b>Reactivity :</b>	All Species
<b>Format :</b>	Purified
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Phosphotyrosine-BSA conjugate

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Content :</b>	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Storage condition :</b>	Store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Clone RM111 reacts to tyrosine-phosphorylated proteins. No cross reactivity with nonphosphorylated tyrosine, phosphoserine, and phosphothreonine Western Blot (WB): 1:1000 -1:5000 dilution; Immunoprecipitation (IP): 1:200-1:1000 dilution; Chromatin IP (ChIP): 1:200-1:1000 dilution; Immunocytochemistry (ICC): 1:200-1:500 dilution; Immunohistochemistry (IHC): 1:200-1:500 dilution.

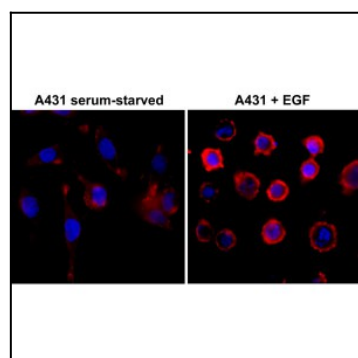


Figure 1: Immunocytochemistry of serum-starved A431 cells nontreated or treated with EGF, using Clone: RM111 at 1/500 dilution (followed by a PE conjugated secondary antibody,red) and DAPI (blue).

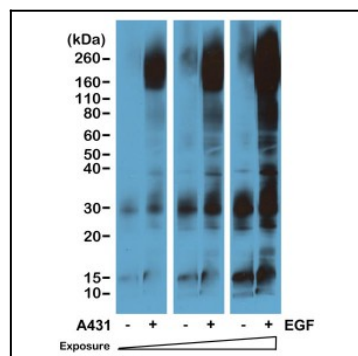


Figure 2: Western blot of serum-starved A431 cells non-treated or treated with EGF, using Clone: RM111 at 1/5000 dilution. The blot was exposed to the film at different time points.

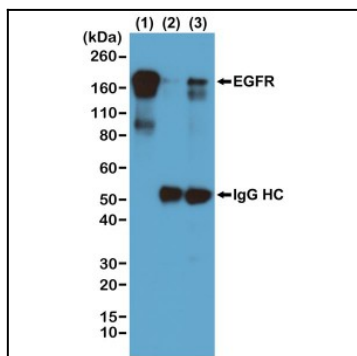


Figure 3: Immunoprecipitation of EGF-treated A431 cells by Clone: RM111 at 1/1000 dilution, was blotted with an anti-EGFR rabbit monoclonal antibody. (1) Whole lysate control; (2) IP by rabbit IgG control; (3) IP by Clone: RM111.

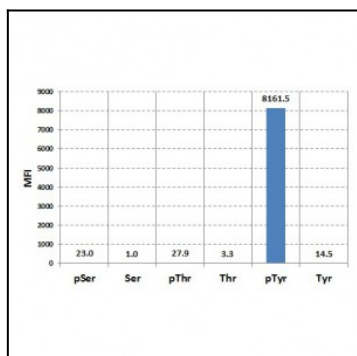


Figure 4: Luminex analysis of Clone: RM111's reaction against phosphorylated or non-phosphorylated Serine, Threonine, and Tyrosine. Clone: RM111 reacts only to phosphorylated Tyrosine.