# **w** abeomics

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982 Email: info@abeomics.com

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

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

#### **Product Info**

Amount :	100 µg
Purification :	Protein A affinity purified from an animal origin-free culture supernatant
Content :	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage condition :	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 phosphorthreonine 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.

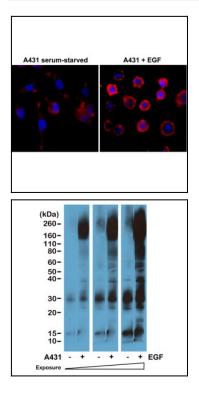


Figure 1: Immunocytochemistry of serum-starved A431 cells nontreated or treated with EGF, using Clone: RM111 at 1/500 dilution (followed by a PE conjugated secondary antibody,red) and DAPI (blue).

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.



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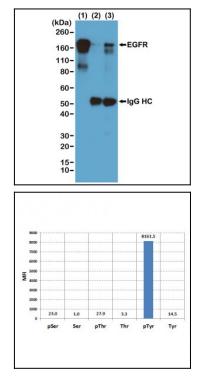


Figure 3: Immunoprecipitation of EGF-treated A431 cells by Cone Clone: RM111 at 1/1000 dilution, was blotted with an anti-EGFR rabbit monoclonal antibody. (1) Whole lysate control; (2) IP by rabbit IgG control; (3) IP by Clone: RM111.

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.