

Anti-Phospho-Stat3 (Tyr705) Rabbit Monoclonal Antibody, Clone#RM261

Catalog Number: P00007-3

Overview

Product Name	Anti-Phospho-Stat3 (Tyr705) Rabbit Monoclonal Antibody, Clone#RM261
Reactive Species	Human
Description	Boster Bio Anti-Phospho-Stat3 (Tyr705) Rabbit Monoclonal Antibody, Clone#RM261 (Catalog # P00007-3). Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal RM261
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P40763

Technical Details

Immunogen	A phospho-peptide corresponding to human Phospho- Stat3 (Tyr705)
Predicted Reactive Species	Mouse, Rat
Cross Reactivity	This antibody reacts to human Stat3 only when phosphorylated at Tyr705. There is no cross-reactivity to stat3 without phosphorylation at Tyr705. This antibody may also react to mouse or rat Phospho-Stat3 (Tyr705), as predicted by immunogen homology.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Immunohistochemistry (IHC): 1:1000-1:10,000 dilution WB: 1:1000-1:2000 dilution.

Anti-Phospho-Stat3 (Tyr705) Rabbit Monoclonal Antibody, Clone#RM261 (P00007-3) Images

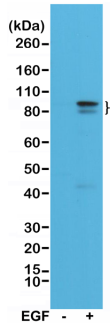


Figure 1. Western Blotting result
Western Blot of A431 cell lysates, nontreated (-) or treated (+) with EGF, using Anti-Phospho-Stat3 (Tyr705) Rabbit Monoclonal Antibody (clone RM261) at a 1:1000 dilution, showed Phospho-Stat3 (Tyr705) in EGF-treated A431 cells.

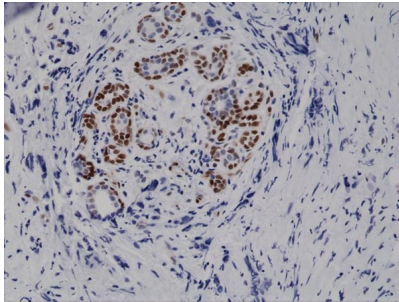


Figure 2. IHC result
Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-Phospho-Stat3 (Tyr705) Rabbit Monoclonal Antibody (clone RM261) at a 1:10,000 dilution.

2 Publications Citing This Product

1. PubMed ID: 26549519, IL-6 Inhibits Starvation-induced Autophagy via the STAT3/Bcl-2 Signaling Pathway
2. PubMed ID: 28065778, Protective effects of Tongxinluo on cerebral ischemia/reperfusion injury related to Connexin 43/Calpain II/Bax/Caspase-3 pathway in rat

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