

Catalog Number: IRM004

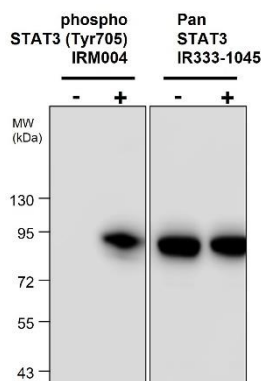
Anti-Phospho STAT3 (Tyr705) antibody

Package size: 25, 100 μ l
Store at: -20°C
MW (kDa): 90

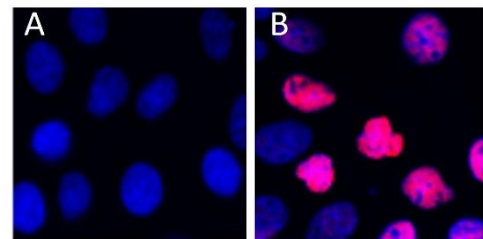
Overview

Product Name	Phospho STAT3 (Tyr705) monoclonal antibody
Product Number	IRM004
Gene Description	signal transducer and activator of transcription 3
Clonality	Monoclonal
Host	Mouse
Isotype	IgG1
Species Reactivity	Human, mouse, rat
Recommended Applications Dilutions	Western Blot 1:500 - 1:800 Immunofluorescence 1:200 – 1:400
Storage Buffer	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Concentration	0.5 mg/ml
Purity	Affinity column purified
Storage	storage is recommended at 4°C.
Notes	Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

IRM004 anti- Phospho STAT3 (Tyr705) monoclonal antibody WB image



IRM004 anti- Phospho STAT3 (Tyr705) monoclonal antibody ICC/IF image



IRM004 anti- Phospho STAT3 (Tyr705) monoclonal antibody at 1/500 dilution, Total cell lysates (15 μ g total protein) from A431 cells serum starved and untreated (-) or stimulated with 100 ng/mL hEGF for 5 minutes. This blot was produced using a 7.5% SDS-PAGE. Nitrocellulose membrane was then blocked for an hour before being incubated with IRM004 overnight at 4°C.

Serum starved A431 cells were untreated (panel A) or stimulated with 100 ng/mL hEGF for 5 minutes (panel B). Cells were fixed with 4% PFA for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with **IRM004 anti- Phospho STAT3 (Tyr705) monoclonal antibody** (red) at 1:200 and 4°C. DAPI (blue) was used as the nuclear counter stain.

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