

EGF Monoclonal Antibody (9A1)

Product Details

Size	200 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG, kappa
Class	Monoclonal
Type	Antibody
Clone	9A1
Conjugate	Unconjugated
Immunogen	Recombinant Human EGF
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C
RRID	AB_2536659

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-
ELISA (ELISA)	0.125-0.25 µg/mL	-

Product Specific Information

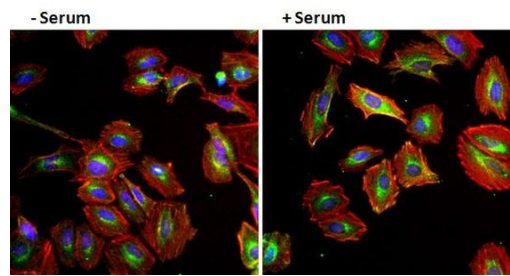
The M807 anti-EGF antibody has successfully been paired as the detection antibody in a sandwich ELISA with coating antibody MA805 (Clone 1H11).

Typical dilutions for sandwich ELISA: Coat = 1-3 µg/mL and Detection = 0.125-0.5 µg/mL.

Product Images For EGF Monoclonal Antibody (9A1)

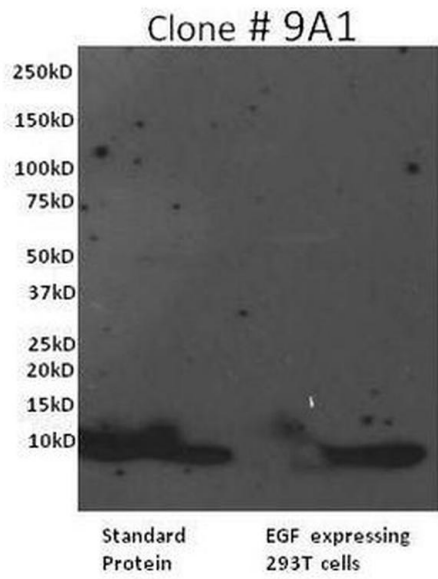
EGF Antibody (M807) in ICC/IF

Immunofluorescent analysis of EGF (green) in HeLa cells either left serum starved (left panel) or treated with serum (right panel) for 30 minutes. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA (Product # 37525) for 15 minutes at room temperature. Cells were probed with an EGF monoclonal antibody (Product # M807) at a dilution of 1:50 for at least 1 hour at room temperature, washed with PBS, and incubated with DyLight 488 goat anti-mouse IgG secondary antibody (Product # 35502) at a dilution of 1:400 for 30 minutes at room temperature. F-Actin (red) was stained with DyLight 554 Phalloidin (Product # 21834) and nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on a Thermo Scientific ArrayScan at 20X magnification.



EGF Antibody (M807) in WB

Western blot analysis of Human EGF was performed by loading 2 µg of recombinant human EGF (Lane 1) or supernatant from an EGF expression clone transfected in 293T cells onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked with 5% Milk/TBST for at least 1 hour. Membranes were probed with an EGF monoclonal antibody recognizing Human EGF (Product # M807) at a dilution of 1:5000 overnight at 4° C on a rocking platform. Membranes were washed in TBS-0.1%Tween 20 and probed with a goat anti-rabbit-HRP secondary antibody (Product # 31430) at a dilution of 1:10,000 for at least one hour. Membranes were washed and chemiluminescent detection performed using Super Signal West Dura (Product # 34075).



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