

lacZ Monoclonal Antibody



MACO0616

Product Information

Size:

50ul

Reactivity:

Escherichia coli

Source:

Mouse

Isotype:

IgG1

Applications:

ELISA, WB, IF, IP, FC

Recommended dilutions:

WB:1:1000-1:64000, IF:1:50-1:200, IP:1ul-4ul, FC:1:100-1:300

Protein Background:

Hydrolysis of terminal non-reducing beta-D-galactose residues in beta-D-galactosides.

Gene ID:

lacZ

Uniprot

P00722

Synonyms:

Beta-galactosidase (Beta-gal) (Lactase), lacZ

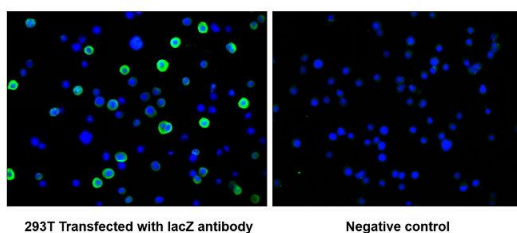
Immunogen:

Recombinant Escherichia coli Beta-galactosidase protein

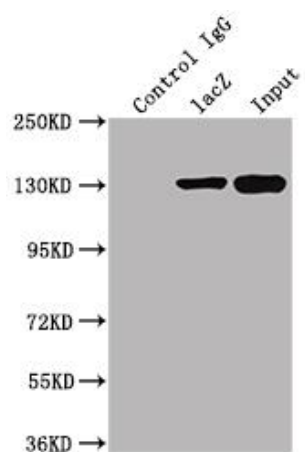
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Immunofluorescence staining of 293T cells transfected with MACO0616 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). The image on the right is the 293T cells transfected without lacZ antibody

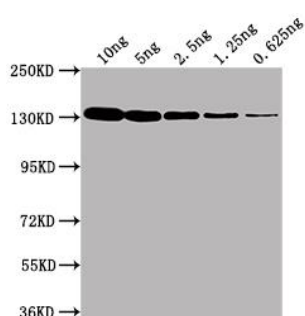


Immunoprecipitating lacZ in 293T transfected whole cell lysate
Lane 1: Mouse control IgG instead of MACO0616 in 293T transfected whole cell lysate.

Lane 2: MACO0616 (2µg; l) + 293T transfected whole cell lysate (500µg; g)

Lane 3: 293T transfected whole cell lysate (20µg; g)

For western blotting, the blot was detected with MACO0616 at 1:2000, and a HRP-conjugated Protein G antibody was used as the secondary antibody at 1:2000



Western Blot

Positive WB detected in Recombinant protein (10µg, 5µg, 2.5µg, 1.25µg, 0.625µg)

All lanes: lacZ antibody at 1:2000

Secondary

Goat polyclonal to Mouse IgG at 1/50000 dilution

Predicted band size: 117 kDa

Observed band size: 130 kDa