

Product datasheet

anti-HA-tag mouse monoclonal, 12CA5, lyophilized, purified, large

Short overview

 Cat. No.
 9100HAL

 Quantity
 100 μg

Concentration 0.25 mg/ml after reconstitution with 400 µl PBS

Product description

HostMouseAntibody TypeMonoclonalIsotypeIgG2bClone12CA5

Immunogen 9 amino acids from the human influenza virus hemagglutinin protein

Formulation Lyophilized; reconstitute in 400 µl sterile PBS, pH 7.4

Conjugate Unconjugated

Purification Affinity chromatography

Storage before 2-8°C until indicated expiry date

reconstitution

Storage after -20°C (avoid freeze/thaw cycles)

reconstitution

Intended use Research use only

Application WB **Reactivity** HA

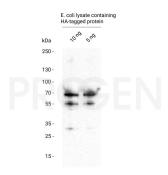
Applications

Western Blot (WB) 1:50,000-1:100,000 (0.005-0.0025 μg/ml)

Background

The monoclonal 12CA5 antibody recognizes the HA-tag (hemagglutinin tag). The HA-tag is commonly added to recombinant proteins and can be used for detection or purification of the tagged protein.

Product images



Western blot analysis of E. coli lysate containing HA-tagged protein with anti-HA-tag antibody. Western blot analysis was performed on 10 ng or 5 ng of E. coli lysate containing HA-tagged protein. Cells were lysed with SDS sample buffer. The PVDF membrane was blocked with 5% dry milk in PBST for 1 h at RT. The primary antibody anti-HA-tag mouse monoclonal, 12CA5 (Cat. No. 910HAL) was diluted in blocking buffer (antibody concentration $0.005 \, \mu g/ml$) and incubated for 1 h at RT. The secondary antibody goat anti-mouse IgG polyclonal, HRP conjugate was also diluted in blocking buffer (antibody concentration $0.2 \, \mu g/ml$) and incubated for 1 h at RT. The bands were visualized by chemiluminescent detection using PierceTM ECL Western Blotting Substrate.