Product datasheet

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

Short overview

Cat. No.	9100HA
Quantity	25 µg
Concentration	0.25 mg/ml after reconstitution with 100 µl PBS

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b
Clone	12CA5
Immunogen	9 amino acids from the human influenza virus hemagglutinin protein
Formulation	Lyophilized; reconstitute in 100 µl sterile PBS, pH 7.4
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	-20°C (avoid freeze/thaw cycles)
Intended use	Research use only
Application	WB
Reactivity	HA

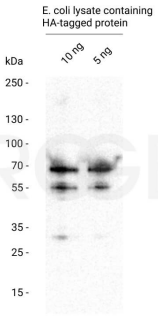
Applications

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 µg/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 µg/ml) and incubated for 1 h at RT. The bands were visualized by chemiluminescent detection using PierceTM ECL Western Blotting Substrate.