

## Product datasheet

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

#### Short overview

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

#### Product description

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

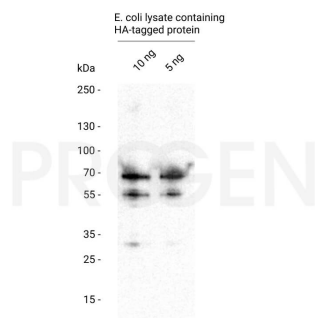
#### Applications

<b>Western Blot (WB)</b>	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 Pierce™ ECL Western Blotting Substrate.