

## Product datasheet

anti-DDDDK-tag mouse monoclonal, AP1501, lyophilized, purified, large

### Short overview

<b>Cat. No.</b>	910DDKL
<b>Quantity</b>	100 µg
<b>Concentration</b>	0.25 mg/ml after reconstitution with 400 µl PBS

### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Clone</b>	AP1501
<b>Immunogen</b>	Recombinant protein containing the sequence DDDDK
<b>Formulation</b>	Lyophilized; reconstitute in 400 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>	ICC/IF, IP, WB
<b>Reactivity</b>	DDDDK

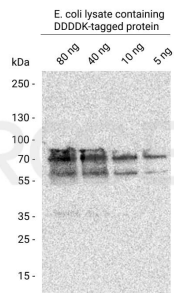
### Applications

<b>Immunocytochemistry (ICC)</b>	Assay dependent
<b>Immunoprecipitation (IP)</b>	Assay dependent
<b>Western Blot (WB)</b>	1:50,000-1:100,000 (0.005-0.0025 µg/ml)

### Background

The monoclonal AP1501 antibody recognizes the amino acid sequence DDDDK (Flag). The DDDDK-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 DDDDK-tagged protein with anti-DDDDK-tag antibody. Western blot analysis was performed on 80 ng, 40 ng or 10 ng of E. coli lysate containing DDDDK-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-DDDDK-tag mouse monoclonal, AP1501 (Cat. No. 910DDKL) 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.