

Product no **AS25 5101****Anti-T7 Tag Monoclonal Antibody****Product information**

Immunogen	BSA-conjugated synthetic peptide T7: MASMTGGQQMG
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG
Purity	Affinity purified in PBS pH 7.4 and 50 % glycerol. Contains 0.02 % sodium azide.
Format	Liquid
Quantity	50 µg
Storage	Upon receipt, store at -20 °C or -80 °C. Avoid repeated freeze.
Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.	

Application information

Recommended dilution	1:500-1:5000 (WB)
Expected apparent MW	Depends upon MW of a fusion partner
Confirmed reactivity	T7 epitope tagged proteins
Additional information	Antibody is present in PBS, pH 7.4, containing 0.5% BSA and 50% Glycerol. Contains 0.02% sodium azide as preservative.



Protein load/well: 0.5 µg of T7 fusion protein which was subjected to Tris-Glycine 12 % SDS-PAGE gel electrophoresis in reduced conditions at 40 mA followed by a semi-dry transfer at 60 mA for 80 minutes (0.45mm PVDF membrane purchased from Millipore). Blocking was done with 5% skim milk in PBS at RT/1h. Primary antibody was diluted in 0.05% PBST + 2.5% skim milk powder and incubated ON/4 °C in a dilution of 1: 3000 (1), 1:5000 (2) and 1:10 000 (3). Washing was done with 0.1% PBST (4 times, 10 minutes each) followed by a secondary antibody was diluted to 1:10 000 (0.05% with PBST + 2.5% skim milk powder) and incubated at RT/2h followed by four time washes with 0.1% PBST for 10 minutes each and chemiluminescent reaction development and recording of a signal.