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Product no AS25 5110

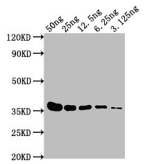
Anti-E tag (monoclonal)

Product information

Immunogen	KLH-conjugated synthetic peptide GAPVPYPDPLEPRC
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG1
Purity	>95%, Protein G purified
Format	Liquid
Quantity	50 µl
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.

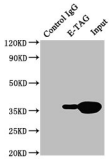
Application information

Recommended dilution	1:4000-1:8000 (ELISA), 1:1000-1:32 0000 (WB), 1µg-5 µg (IP)
Expected | apparent MW	Depends upon MW of fusion partner
Additional information	Antibody is present in 0.01M PBS, pH 7.4, containing 0.03% and 50% glycerol. Proclin 300 is included as preservativeCusabio



Western Blot: Positive WB detected in: E Tagged fusion protein at 50 ng, 2 5ng, 12.5 ng, 6.25 ng, 3.125 ng
E Tag antibody was used at 1:1000 dilution

E tagged fusion protein 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: 5000. 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.
Calculated and apparent MW: 36 kDa



Immunoprecipitating E Tag in 293F transfected whole cell lysate
Lane 1: Mouse control IgG (1 µg) instead of E-tag antibody in 293F transfected whole cell lysate. For Western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody at the dilution of 1:2000.

Lane 2: Primary antibody (5µg) + 293F transfected whole cell lysate (500 µg)
Lane 3: 293F transfected whole cell lysate (20 µg)