

Monoclonal Antibody to c-Myc Epitope Tag (EQKLISEEDK) - Purified

Catalog No.:	AM10200PU-N
Quantity:	0.1 mg
Concentration:	1 mg/ml
Background:	Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	Myc.A7 / M19
Immunogen:	EQKLISEEDL (Myc) synthetic peptide conjugated to KLH
Format:	State: Liquid purified antibody Purification: Affinity Chromatography on Protein A Buffer System: 10mM PBS, pH 7.2 Preservatives: 0.05% Sodium Azide
Applications:	ELISA. Western Blot: 1/1000-1/3000. Immunoprecipitation. IS: 1/500-1/2000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes the N-terminal or C-terminal Myc-tagged fusion proteins.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Western Blot analysis using Myc Tag antibody *Cat.-No* AM10200PU-N
Lane 1: Untransfected HEK293 cells.
Lane 2: HEK293 cells transfected with Myc-Tag.

