

Monoclonal Antibody to DYKDDDDK Epitope Tag - Purified

Alternate names:	D-tag, ECS Epitope Tag, ECS-tag, FLAG Epitope Tag, FLAG-tag
Catalog No.:	AM10163PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	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 / IgG2b
Recommended Isotype Controls:	SM12P, AM03110PU-N
Clone:	FG4R
Immunogen:	DYKDDDDK (FLAG) synthetic peptide conjugated to KLH
Format:	State: Liquid Buffer System: 10mM PBS, pH 7.2 Preservatives: 0.05% Sodium Azide
Applications:	ELISA. Western Blot: 1/1000-1/3000. Immunoprecipitation. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with <i>N-terminal</i> , <i>C-terminal</i> or <i>internal</i> DYKDDDDK-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: Six months from despatch.