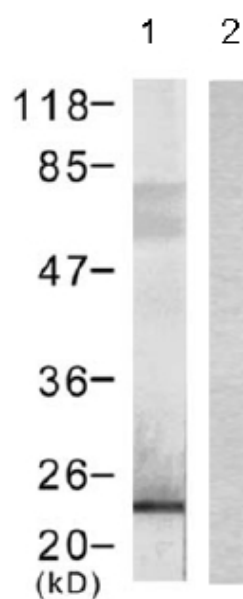


AM20711PU-S**Monoclonal Antibody to DYKDDDDK Epitope Tag - Aff - Purified**

Alternate names:	D-tag, ECS Epitope Tag, ECS-tag, FLAG Epitope Tag, FLAG-tag
Quantity:	50 µg
Concentration:	1.0 mg/ml
Background:	Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation and immunostaining techniques. Due to their small size, they are unlikely to affect the tagged protein's biochemical properties. The DYKDDDDK peptide has been used extensively as a general epitope tag in expression vectors. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion.
Host / Isotype:	Mouse / IgG2b
Clone:	G191
Immunogen:	A synthetic peptide (DYKDDDDK) coupled to KLH.
Format:	State: Liquid purified Ig fraction Buffer System: PBS (pH 7.2) with 50% Glycerol
Applications:	Western Blot: 1/1000-1/4000. Immunoprecipitation : 1/200. Immunofluorescence : 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody Recognizes over-expressed proteins containing DYKDDDDK epitope tag fused to either amino-or carboxy-termini of targeted proteins in transfected mammalian cells. Species: Human, Mouse, Rat. Other species not tested.
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.
General Readings:	1. Webster NL, et al. (2005) Immunol Cell Biol; 83(5): 542-548.

Pictures:

Western blot analysis of extract from 293 cells transfected with (Lane 1) or without (Lane 2) Flag-tagged Bad using Flag-Tag monoclonal Antibody Cat.-No AM20711PU-N/PU-S



Western blot analysis of 293 cells transfected with D-tagged vectors at different concentrations of the anti-D antibody. Lane 1: Highest concentration (0.5 mg/ml). Lane 4: Lowest concentration at (0.1 µg/ml).

