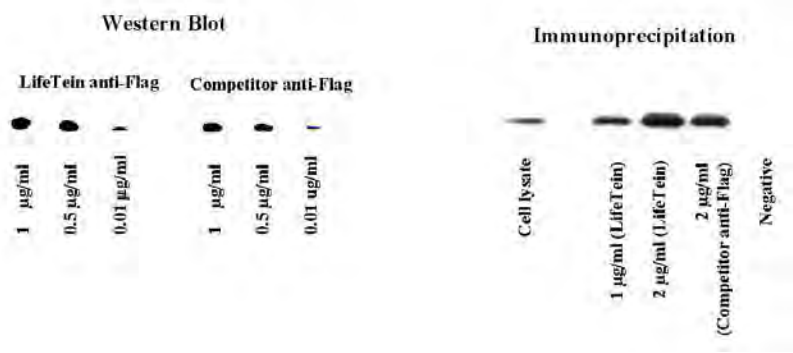


**Anti-DYKDDDDK Monoclonal Antibody**

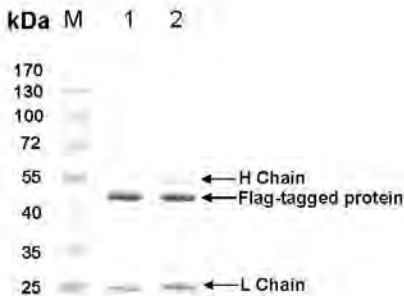


### Comparison of Anti-DYKDDDDK 1E6 affinity gel with commercially available M2 affinity gel

Protein purification method using flag affinity column: refer to Sigma's technical bulletin  
 Binding protein (protein to be purified): flag fusion protein from crude E.coli extracts  
 Elution buffer: 0.1M glycine HCl PH3.5

	LifeTein	Competitor
Antibody binding	7.5mg/ml	2.7mg/ml
Binding capacity (minimum)	1.25mg/ml I gel	1.24mg/ml gel
Protein purity	>95%	>95%

### Immunoprecipitation by anti-DYKDDDDK affinity gel



1. 10ul of gel suspension (about 5ul of packed gel volume) wash by 1xTBS.
2. Add 500ul Polytag-cHisD cell lysate.
3. Mix by vortex for 2 hours at 4°C.
4. Wash by 1xTBS until the OD280 of Supernatant <0.05.
5. Add 10ul of 2x sample buffer to each sample, boil the samples for 5 minutes.
6. Load 4ul on SDS-PAGE.

1. Competitor anti-FLAG affinity gel
2. LifeTein anti-DYKDDDDK affinity gel