

**DYKDDDDK Tag Antibody (8H8L17), ABfinity™
Rabbit Monoclonal**



Catalog Number 701629

Product Data Sheet

Details		Species Reactivity	
Size	100 µg	Tested species reactivity	Tag
Host / Isotype	Rabbit / IgG	Tested Applications	Dilution *
Class	Monoclonal	Immunocytochemistry (ICC)	1-2 µg/ml
Type	Antibody	Immunofluorescence (IF)	1-2 µg/ml
Clone	8H8L17	Immunoprecipitation (IP)	2.5 µg/ml
Immunogen	Synthetic peptide (DYKDDDDK)	Western Blot (WB)	1-2 µg/ml
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	0.5mg/ml		
Purification	Protein A		
Storage Buffer	PBS		
Contains	0.09% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product Specific Information

ABfinity™ recombinant antibodies are rabbit monoclonal antibodies, unmatched for producing superior results. ABfinity™ antibodies are developed by immunizing animals, screening for functionality, cloning the immunogen-specific antibody genes into high-level mammalian expression vectors, produced on a large scale, and purified with Protein A.

ABfinity™ monoclonal antibodies resemble rabbit monoclonals isolated from serum or produced by hybridomas, but demonstrate greater specificity and sensitivity. Because ABfinity™ recombinant antibodies are derived from cloned DNA sequences of the heavy and light antibody chains, they are not susceptible to cell-line drift or lot-to-lot variation, thus allowing for peak specificity and performance.

Background/Target Information

FLAG-tag, or FLAG octapeptide, is a polypeptide protein tag that can be added to a protein using recombinant DNA technology. The FLAG tag's structure has been optimized for compatibility with the proteins it is attached to, in that it is more hydrophilic than other common epitope tags and therefore less likely to denature or inactivate proteins to which it is appended. A FLAG-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against the studied protein, adding a FLAG-tag to this protein allows one to follow the protein with an antibody against the FLAG sequence. Examples are cellular localization studies by immunofluorescence or detection by SDS PAGE protein electrophoresis.

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