

Rabbit anti-Bovine IgG Secondary Antibody, Biotin

Catalog Number:PA1-28693

Product Data Sheet

Details		Species Reactivity	
Size	1 mg	Tested species reactivity	Bovine
Host / Isotype	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal	Western Blot (WB)	Assay dependent
Type	Secondary Antibody	Immunohistochemistry (Frozen) (IHC (F))	1:4000-1:20,000
Immunogen	Full length native bovine IgG (purified).	Immunohistochemistry (Paraffin) (IHC (P))	1:4000-1:20,000
Target Class	IgG	ELISA (ELISA)	1:4000 - 1:20,000
Conjugate	Biotin	* 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	2mg/ml		
Purification	IgG fraction		
Storage Buffer	0.02M potassium phosphate, pH 7.2, with 0.15M NaCl, 10mg/ml BSA		
Contains	0.01% 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

PA1-28693 detects Bovine IgG from bovine samples.

PA1-28693 has been successfully used in, ELISA, immunohistochemistry (frozen tissue), immunohistochemistry (paraffin tissue), and Western blot applications.

The PA1-28693 immunogen is full length native bovine IgG (purified).

Background/Target Information

Thermo Scientific Anti-Bovine secondary antibodies are affinity-purified antibodies with well-characterized specificity for bovine (cow, ox) immunoglobulins and are useful in the detection, sorting or purification of its specified target. Secondary antibodies offer increased versatility enabling users to use many detection systems (e.g. HRP, AP, fluorescence). They can also provide greater sensitivity through signal amplification as multiple secondary antibodies can bind to a single primary antibody. Most commonly, secondary antibodies are generated by immunizing the host animal with a pooled population of immunoglobulins from the target species and can be further purified and modified (i.e. immunoaffinity chromatography, antibody fragmentation, label conjugation, etc.) to generate highly specific reagents.

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