

Rabbit Anti-Conjugated DL-Citrulline pAb

Catalog No.	PA2076	Quantity:	Total IgG: 1.0 mg Antigen specific IgG: 0.1 mg
Description:	Rabbit Anti-Conjugated DL-Citrulline pAb consists of 10.0 mg total IgG and 0.1 mg antigen specific IgG. Note: This product is an anti-conjugated-DL-Citrulline. This means that It recognizes both D and L-Citrulline enantiomeres.		
Concentration:	1.0 mg/ml of antigen specific IgG after reconstitution		
Specificity:	Using a conjugate DL-Citrulline-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds: DL-Citrulline-G-BSA: Cross-reactivity ratio of 1:1 L-Arginine-G-BSA: Cross-reactivity ratio of 1:> 100,000 L-Glutamine-G-BSA: Cross-reactivity ratio of 1:> 100,000 L-Ornithine-G-BSA: Cross-reactivity ratio of 1:> 100,000 Ratio calculated as DL-Citrulline-G-BSA concentration/ other conjugated compounds concentration at half displacement. G = Glutaraldehyde, BSA: Bovine Serum Albumin.		
Host:	Rabbit		
Immunogen:	Synthetic DL-Citrulline conjugated to BSA		
Isotype:	IgG		
Formulation:	Lyophilized		
Purification:	IgGs were purified from antiserum that had been preabsorbed against BSA.		
Reconstitution:	Centrifuge vial prior to opening. It is critical to use the following sequence when reconstituting this antibody: dissolve antibody in 50 µl sterile distilled water, then add 50 µl glycerol.		
Applications:	ELISA Immunohistochemistry Western Blot		
Application Notes:	ELISA: working dilution of 1:5,000-1:10,000. Immunohistochemistry: working dilution of 1:1,000-1:5,000. Western Blot: 1:1,000-1:12,000 The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store lyophilized antibody at 2-4°C. Reconstituted antibody is stable for at least 2 years in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

