

Anti-Aprotinin Antibody

Product Details

Available Variants	100 uL (SKU:ABS 037-18-010) 400 uL (SKU:ABS 037-18-04) 1000 uL (SKU:ABS 037-18-1)
Conjugate	Unconjugated
Isotype	IgG1/k
Clone	18
Gene Name	PTI
Host Species	Mouse
Concentration	1 mg/mL \pm 15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA, WB
Dilution Ranges	ELISA: 1:1000
Species Reactivity	Bovine
Immunogen	Aprotinin from bovine lung.
Specificity	ABS 037-18 binds bovine aprotinin immobilized on a solid phase or free in solution. The epitope of ABS 037-18 is different from the epitopes of ABS 037-21 and ABS 037-35.
Molecular Weight	6.5 kDa
Storage	2-8°C without exposure to light
UniProt ID	P00974

Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
Application Details	ABS 037-18 (as biotinylated detection antibody e.g. at 1 µg/mL) forms an antibody pair with ABS 037-21 (as capture antibody) for high-sensitivity sandwich ELISA of aprotinin at sample concentrations of 0.6-20 µg/mL. Aprotinin in urine diluted 1/1000 can be assayed against standards in buffer. For assay in plasma it is recommended to add aprotinin-free control plasma to the standards to match the plasma sample dilution. Both urine and plasma samples diluted 1/1000 can be assayed against standards in buffer. PBS-buffers are unsuitable for these assays and 0.2 M glycine sodium buffer, pH 8.8, is recommended for washing and dilution buffers.
NCBI Gene ID	404172

Product Page URL: www.antibodiesinc.com/products/anti-aprotinin-antibody-18-abs-037-18



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