

Anti-Aprotinin
Mouse monoclonal antibody

Subclass: IgG1/k

CAT. NO.

ABS 037-35

Clone: 35

SPECIFICITY	ABS 037-35 binds bovine aprotinin immobilized on a solid phase or free in solution.
IMMUNOGEN	Aprotinin from bovine lung
TESTED APPLICATIONS	ELISA, WB
SPECIES REACTIVITY (POSITIVE)	Bovine
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	The epitope of ABS 037-35 is different from the epitopes of ABS 037-18 and ABS 037-21
PRESENTATION	Available in 400 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Content:	Protein-A purified
Preparation:	Liquid
Form:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Solvent:	4-8°C without exposure to light. No precautions necessary during handling.
Storage:	

APPLICATION

ELISA: ABS 037-35 (as capture antibody coated at 1 µg/mL) forms an antibody pair with ABS 037-18 (as biotinylated detection antibody) for sandwich ELISA of aprotinin at sample concentrations of 4-250 µg/mL. Both urine and plasma samples diluted 1/1000 can be assayed against standards in buffer. PBS-based buffers are unsuitable for this assay and 0.2 M glycine sodium buffer, pH 8.8, is recommended for washing and dilution buffers.

WB: ABS 037-35 can be used in Western blotting.

TARGET

Aprotinin, also called bovine pancreatic trypsin inhibitor, is a single chain globular Kunitz-type serine proteinase inhibitor found in bovine pancreas, parotid gland and lung. It forms stable, enzymatically inactive complexes with trypsin, chymotrypsin, plasmin and kallikrein. Aprotinin has been used therapeutically as an antifibrinolytic agent under the name Trasylol (Bayer) to reduce blood loss during cardiopulmonary bypass surgery but this use has been associated with an increased frequency of acute renal injury.

REFERENCES
CONDITIONS

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.