

Anti-Amiloride [BA7.1] Standard Size Ab00978-13.12

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG4-S228P, Kappa

Clone Number: BA7.1

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): immunoblot, ELISA

Published Species Reactivity: Human

Immunogen: The antibody was raised by immunising BALB/c mice with an intraperitoneal injection of an amiloride analogue coupled to BSA.

Specificity: The antibody is specific for the 3,5-diaminopyrazinyl moiety of amiloride. Analogs with a benzyl on the 5-position of the pyrazine ring or with the substitution of an iodo for the chloro group in the 6-position of the ring don't bind. An analog with a benzyl substituent on a terminal nitrogen of the guanidinium group has an affinity for the antibody similar to amiloride.

Application Notes: The antibody has been characterised using immunoblot analysis (Lin et al. 1994) and ELISA.

Antibody First Published in: Kleyman et al. Distinct epitopes on amiloride Am. J. Physiol. 257 (Cell Physiol. 26): C1135-C1141, 1989 [PMID:2481976](#)

Note on publication: Describes the generation of polyclonal and monoclonal antibodies for amiloride analogues in order to identify distinct epitopes.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.