

Anti-Histone H3 [4A1] Standard Size Ab00930-1.1

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

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 4A1

Alternative Name(s) of Target: P84228; P84244; P68433

UniProt Accession Number of Target Protein:

Published Application(s): immunoblot, SDS-PAGE, ELISA

Published Species Reactivity: Bovine, Mouse

Immunogen: This antibody was derived from spleen cells isolated from NC/Nga mice, which spontaneously develop severe atopic-like dermatitis and a strong associated serum IgE response under conventional conditions.

Specificity: This antibody binds auto-antigen histone H3, and cross-reacts with bovine H3.

Application Notes: The binding specificity of this antibody for histone H3 has been confirmed in SDS-PAGE, immunoblot and ELISA experiments (Matsubara et al, 2009).

Antibody First Published in: Matsubara et al. Serum and monoclonal immunoglobulin E antibodies from NC/Nga mice with severe atopic-like dermatitis recognize an auto-antigen, histone H3. Clin Exp Allergy. 2009 Apr;39(4):579-90 [PMID:19226275](#)

Note on publication: Describes the original generation of this antibody.

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.