PRODUCT INFORMATION



HMGB1 Polyclonal Antibody (aa 100-150)

Item No. 11515

Overview

This vial contains 100 µg of Protein A purified IgG in 200 µl PBS containing 0.05% BSA Contents:

and 0.05% sodium azide.

Synonyms: High Mobility Group Protein B1, HMG1 Immunogen: Human HMGB1 amino acids 100-150

Species Reactivity: (+) Human, bovine, chicken, mouse, New World monkey, and rat HMGB1; other species

not tested.

Properties

-20°C (as supplied) Storage:

Stability: ≥1 year Host: Rabbit

Applications

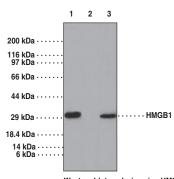
Suggested starting concentration is 0.5 µg/10⁶ cells Flow cytometry:

Immunohistochemistry (paraffin-embedded tissue): Suggested starting concentration is 5 µg/ml

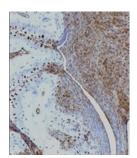
Western blot: Suggested starting concentration is 5-10 µg/ml

Other applications were not attempted and therefore optimal working dilutions should be determined empirically.

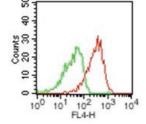
Images



Western blot analysis using HMGB1 antibody at 5 µg/ml.
Lane 1: Human THP-1 cell lysate in the absence of immunizing peptide Lane 2: Human THP-1 cell lysate in the presence of immunizing peptide Lane 3: Mouse NIH 3T3 cell lysate



Immunohistochemical analysis of formalinfixed, decalcified, paraffin embedded tissue sections from the paws of mice with collageninduced arthritis using the HMGB1 antibody. The antibody was used at 5 $\mu g/ml$. Data courtesy of Dr. Ulf Andersson, Karolinska Institute.



Intracellular flow cytometric analysis using HMGB1 antibody. Human monocytes were probed using 0.5 µg of HMGB1 antibody (red) and 0.5 µg of isotype control antibody (green).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user <u>must</u> review the <u>complete</u> Safety Data Sheet, which has been sent vio email to your institution.

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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