



PRODUCT DATA SHEET

Bioworld Technology, Inc.

Human Ig light chain Lambda monoclonal antibody

Catalog: MB30051

Host: Mouse

Reactivity: Human

BackGround:

Human immunoglobulin light chain lambda is one of the two light chain isotypes (kappa and lambda) that make up human antibodies. Lambda light chains pair with heavy chains to form functional immunoglobulins. Antibodies to human lambda light chains are used for B cell detection, plasma cell identification and multiple myeloma diagnostics.

Product:

Mouse IgG1. 1mg/ml in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~25 kDa (lambda light chain)

Swiss-Prot:

Purification&Purity:

The antibody was purified by affinity chromatography.

Applications:

IF/ICC (1/50 - 1/200), FC (1/500 - 1/2000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

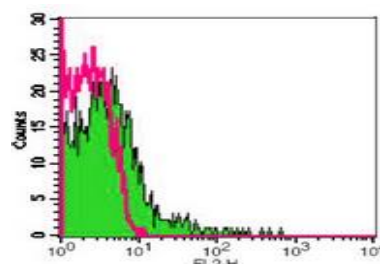
Specificity:

Recognizes human Ig light chain Lambda

DATA:

Western blot analysis of HMGA1 expression in HepG2 (A) whole cell lysates.

Immunofluorescent analysis of HMGA1 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151