Product information

Monoclonal anti-human CHODL antibody (clone AT25G6)

Mouse IgG_{2b}, κ

Cat. No. IBATGA0356

Immunogen: Recombinant human CHODL (22-216aa) purified from E.coli.

NCBI Accession No. : NP_079220

Isotype: Mouse IgG2b heavy chain and κ light chain.

Clone: Anti-human CHODL mAb, clone AT25G6, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human CHODL protein.

Description: Chondrolectin is an N-glycosylated, single pass type I membrane protein that localizes to the endoplasmic reticulum (ER)-Golgi apparatus. Chondrolectin contains one carbohydrate recognition (CRD) domain and is predominantly expressed in vascular muscle of testis, red pulp of spleen and smooth muscle of prostate. Chondrolectin is also found in heart muscle, skeletal muscle, and small intestine. At least two other isoforms of Chondrolectin exist due to alternative splicing.

Concentration: 1 mg/ml

Form: Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.

Storage: Can be stored at +4C. For long term storage, aliquot and store at -20C. Avoid repeated freezing and thawing cycles.

Usage: The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution for Western blot analysis is 1:1000.

Application: ELISA, WB, FACS

Manufactured for:
Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com

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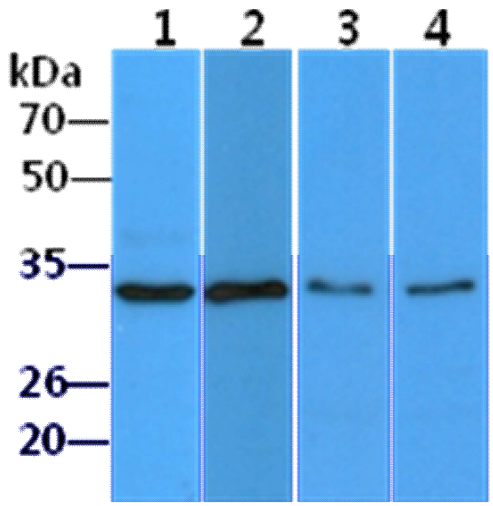
Western blot analysis

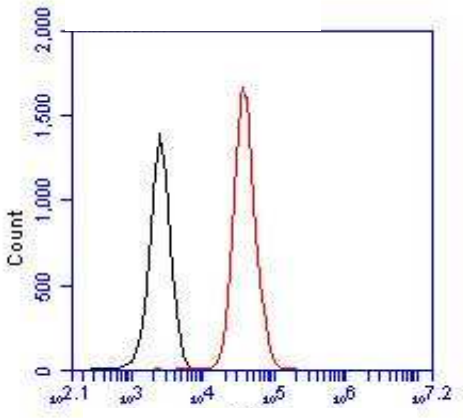
The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CHODL antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Lane 1.: Jurkat cell lysate
Lane 2.: HaCaT cell lysate
Lane 3.: HepG2 cell lysate
Lane 4.: HeLa cell lysate

Flow cytometry

Flow cytometry analysis of CHODL in LNCap cell line, staining at 2-5ug for 1x10^{6}cells (red line). The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).



Alexa488-anti-CHODL

General references: Claessens A., *et al*. (2007) *Cell Biol Int*. **31(11)**: 1323-1330.
Weng L., *et al*. (2002) *Genomics*. **80(1)**: 62-70.

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