IHCAb™ CD35 (BGT-CD35) mouse mAb

Cat #: B-IMW6280

Size: 100 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

Background

This gene is a member of the receptors of complement activation (RCA) family and is located in the 'cluster RCA' region of chromosome 1. The gene encodes a monomeric single-pass type I membrane glycoprotein found on erythrocytes, leukocytes, glomerular podocytes, and splenic follicular dendritic cells. The Knops blood group system is a system of antigens located on this protein. The protein mediates cellular binding to particles and immune complexes that have activated complement. Decreases in expression of this protein and/or mutations in its gene have been associated with gallbladder carcinomas, mesangiocapillary glomerulonephritis, systemic lupus erythematosus and sarcoidosis. Mutations in this gene have also been associated with a reduction in Plasmodium falciparum rosetting, conferring protection against severe malaria. Alternate allele-specific splice variants.

Product Information

Applications/Dilution: IHC-p 1:100-500, WB 1:200-1000. IF 1:50-200

Isotype/Source: Mouse, Monoclonal/IgG1, Kappa

Specificity: This antibody detects endogenous levels of human CD35. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section

Subcellular Location: Membrane ; Single-pass type I membrane protein

Expression: Present on erythrocytes, a subset of T cells, mature B cells, follicular dendritic cells, monocytes and granulocytes.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage: Store at -15°C to -25°C

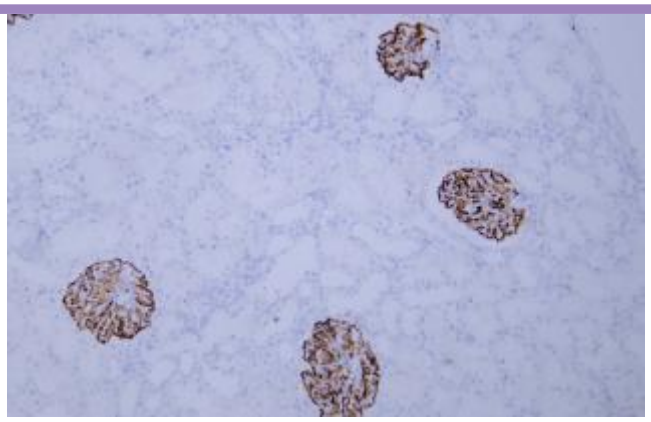

Fig.1. Human kidney tissue was stained with Anti-CD35 Antibody

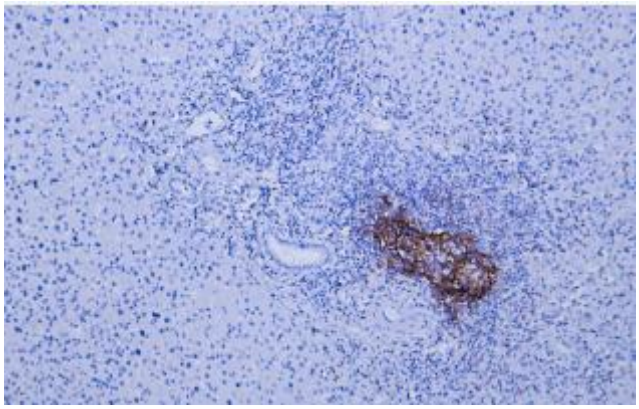

Fig.2. Human liver tissue was stained with Anti-CD35 Antibody

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.