

Recombinant Anti-CD23 Rabbit mAb [KO/KD Validated]

Product Manual

Cat No:GMA1003

Source:Rabbit

Reactivity:H

Applications:WB, IH

*Application Key:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit,
S - Sheep, Z - Zebrafish

*Species Reactivity Key:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry,
IC - Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA -
Electrophoretic Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA
interference

Datasheet

Description: Recombinant rabbit monoclonal antibody to CD23

Immunogen: Recombinant fusion protein of human CD23. The exact sequence is proprietary.

Purification: The antibody was purified by immunogen affinity chromatography.

Clonality: Monoclonal

Form: Liquid in PBS, pH 7.3, 50% glycerol, and 0.05% Proclin300.

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/500)

Gene Symbol: FCER2

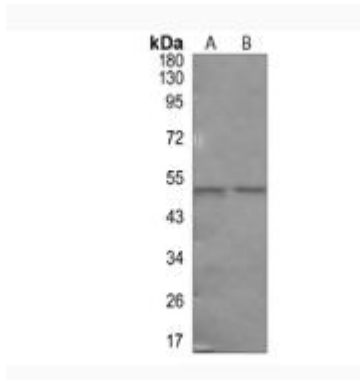
Alternative Names: CD23A; CLEC4J; FCE2; IGEBF; Low affinity immunoglobulin epsilon Fc receptor; BLAST-2; C-type
lectin domain family 4 member J; Fc-epsilon-RII; Immunoglobulin E-binding factor; Lymphocyte IgE receptor; CD23

Entrez Gene (Human): 2208;

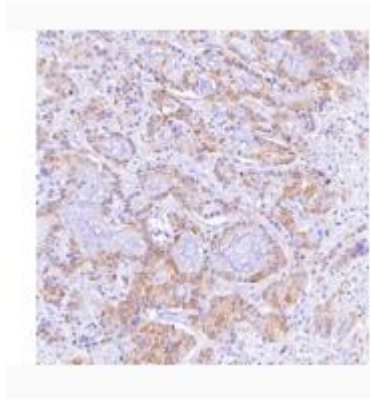
SwissProt (Human): P06734;

Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

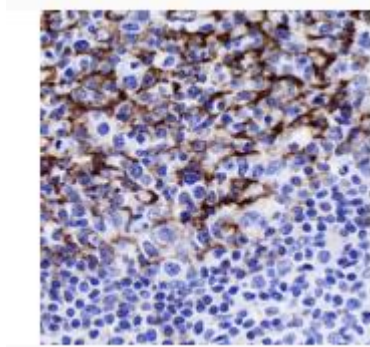
Validation



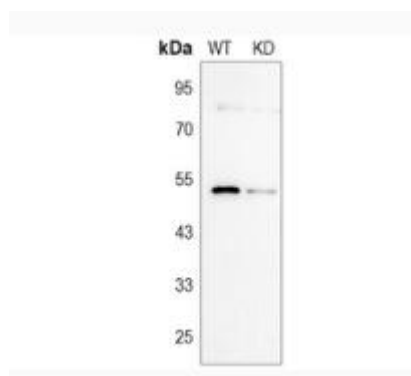
Western blot analysis of CD23 expression in HEK293T (A), SGC7901 (B) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 50 kD)



Immunohistochemical analysis of CD23 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of CD23 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blot analysis of CD23 expression in wild type (WT) and knockdown (KD) HT1080 cell lysates.

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