

CD23 Monoclonal Antibody(1E9)

Description

Product type Primary Antibody

Code BT-MCA0290

Host Mouse

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthetic Peptide of CD23

Mol wt 36469

Species reactivity Human, Mouse, Rat

Clonality Monoclonal

Recommended application IF, ICC, IHC-p

Concentration 1 mg/ml

Full name Low affinity immunoglobulin epsilon Fc receptor

Synonyms FCER2; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

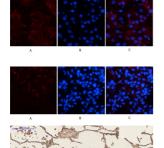
The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Recommended Dilution

IF: 1:50-200 IHC: 1:200

Not yet tested in other applications.

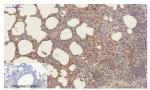
Images



Immunofluorescence analysis of human-stomach tissue. 1.CD23 Monoclonal antibody(1E9)(red) was diluted at 1:200(4°C,overnight). 2. Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

Immunofluorescence analysis of rat-lung tissue. 1.CD23 Monoclonal antibody(1E9)(red) was diluted at 1:200(4°C,overnight). 2. Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B Immunohistochemical analysis of paraffin-embedded Human-lung tissue. 1.CD23 Monoclonal antibody(1E9) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.





Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1.CD23 Monoclonal antibody(1E9) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1.CD23 Monoclonal antibody(1E9) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

Storage -20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com