

CD131 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2722
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD131 (AA: extra 17-149) expressed in E. Coli.
Mol wt	97.3kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	CSF2RB;IL3RB;IL5RB;SMDP5;CDw131;betaGMR

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

Background

The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP).

Recommended Dilution

WB: 1:500 - 1:2000

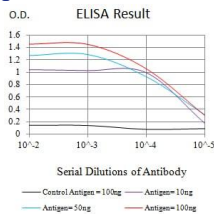
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

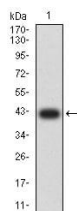
ELISA: 1:10000

Not yet tested in other applications.

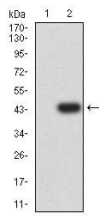
Images



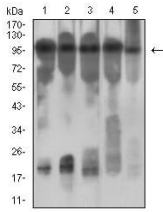
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



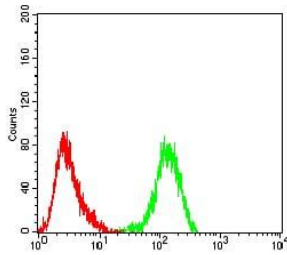
Western blot analysis using CD131 mAb against human CD131 (AA: 17-149) recombinant protein. (Expected MW is 41.3 kDa)



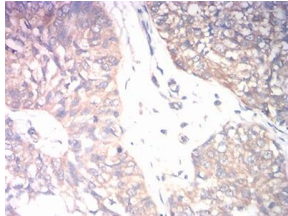
Western blot analysis using CD131 mAb against HEK293 (1) and CD131 (AA: 17-149)-hIgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using CD131 mouse mAb against NIH/3T3 (1), HeLa (2), C6 (3) and MCF-7 (4) cell lysate.



Flow cytometric analysis of HeLa cells using CD131 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using CD131 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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