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Datasheet for ABIN7193501
anti-CD131 antibody (AA 17-149)

6 Images

Overview

Quantity:	0.1 mg
Target:	CD131 (CSF2RB)
Binding Specificity:	AA 17-149
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD131 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human CD131 (AA: extra 17-149) expressed in E. coli.
Clone:	1D5E4
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD131 (CSF2RB)
Alternative Name:	CD131 (CSF2RB Products)
Background:	Description: 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

Target Details

protein alveolar proteinosis (PAP).

Aliases: CSF2RB, IL3RB, IL5RB, SMDP5, CDw131, betaGMR

Molecular Weight: 97.3 kDa

Gene ID: 1439

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

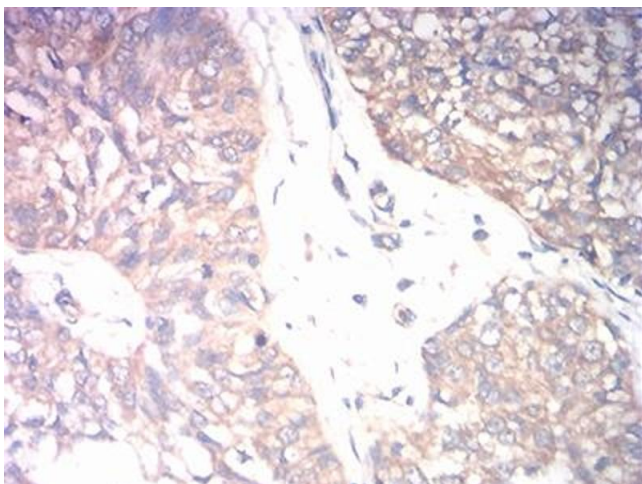
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

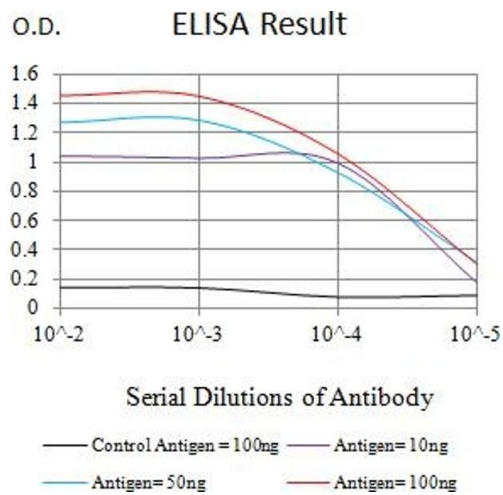
Storage Comment: 4°C, -20°C for long term storage

Images



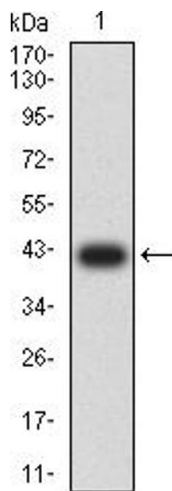
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using CD131 mouse mAb with DAB staining.



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD131 mAb against human CD131 (AA: 17-149) recombinant protein. (Expected MW is 41.3 kDa)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7193501.