

PAX8 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2489
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human PAX8 (AA: 60-261) expressed in E. Coli.
Mol wt	48.2kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	N/A

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

Background

This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas and atypical follicular thyroid adenomas. Alternatively spliced transcript variants encoding different isoforms have been described.

Recommended Dilution

WB: 1:500 - 1:2000

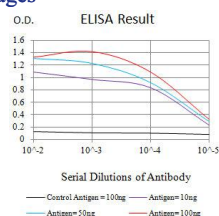
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

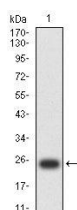
ELISA: 1:10000

Not yet tested in other applications.

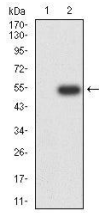
Images



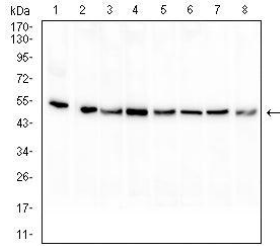
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



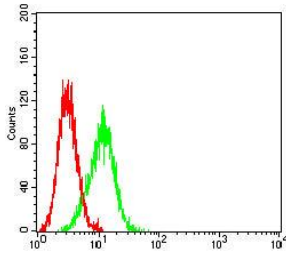
Western blot analysis using PAX8 mAb against human PAX8 (AA: 60-261) recombinant protein. (Expected MW is 25 kDa)



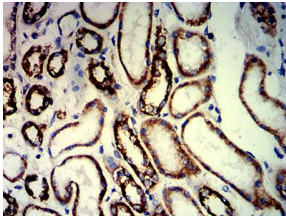
Western blot analysis using PAX8 mAb against HEK293-6e (1) and PAX8 (AA: 60-261)-hIgGFc transfected HEK293 (2) cell lysate.



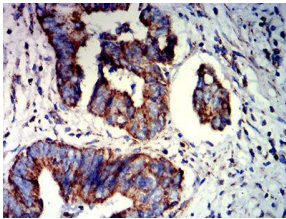
Western blot analysis using PAX8 mouse mAb against HL-60 (1), HEK293 (2), Raji (3), HeLa (4), Jurkat (5), A431 (6), A549 (7), and K562 (8) cell lysate.



Flow cytometric analysis of SK-OV-3 cells using PAX8 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded kidney tissues using PAX8 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PAX8 mouse mAb with DAB staining.

Storage

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

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