

PAX8 Monoclonal Antibody

Description

| | |
|--------------------------------|---|
| Product type | Antibody |
| Code | BT-MCA4295 |
| Host | Mouse |
| Isotype | Mouse IgG1 |
| Size | 100µL, 50µL |
| Immunogen | Purified recombinant fragment of human PAX8 (AA: 300-450) expressed in E. Coli. |
| Mol wt | 60kDa |
| Species reactivity | Others |
| Clonality | Monoclonal |
| Recommended application | FCM |
| Concentration | N/A |
| Full name | N/A |
| Synonyms | pax8 |

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. [provided by RefSeq, Mar 2010]

Recommended Dilution

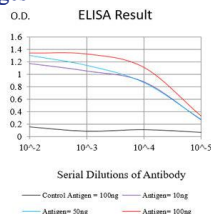
WB: 1:500 - 1:2000

FCM: 1:200-1:400

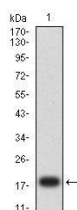
ELISA: 1:10000

Not yet tested in other applications.

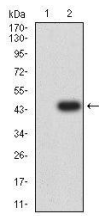
Images



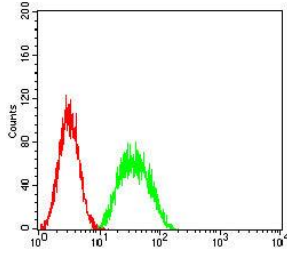
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using PAX8 mAb against human PAX8 (AA: 300-450) recombinant protein. (Expected MW is 18.6 kDa)



Western blot analysis using PAX8 mAb against HEK293 (1) and PAX8 (AA: 300-450)-hIgGFc transfected HEK293 (2) cell lysate.



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

Storage

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

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