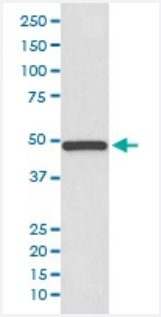
PAX8 monoclonal antibody, clone ICE-16

Catalog # MAB20296 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of SK-OV-3 cell lysate with PAX8 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human PAX8.
Immunogen	A synthetic peptide corresponding to human PAX8.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

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Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

  Western blot analysis of SK-OV-3 cell lysate with PAX8 monoclonal antibody.

Gene Info — PAX8

Entrez GeneID	7849
Protein Accession#	Q06710
Gene Name	PAX8
Gene Alias	-
Gene Description	paired box 8
Omim ID	167415 218700
Gene Ontology	Hyperlink
Gene Summary	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 an d expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas and atypical follicular thyroid adenomas. Alternateively s pliced transcript variants encoding different isoforms have been described. [provided by RefSeq
Other Designations	OTTHUMP00000158659|OTTHUMP00000158660|paired domain gene 8

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Pathway

- Pathways in cancer
- Thyroid cancer

Disease

- Cleft Lip
- Cleft Palate
- Congenital Hypothyroidism
- Genetic Predisposition to Disease
- Thyroid Neoplasms
- Tobacco Use Disorder

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