SZABO SCANDIC

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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Pan Keratin (4,5,6,8,10,13,18). Mouse Monoclonal Antibody

Background

Cytokeratins (CK) are intermediate filaments of epithelial cells, both in keratinizing tissue (ie., skin) and non-keratinizing cells (ie., mesothelial cells). Although not a traditional marker for endothelial cells, cytokeratins have also been found in some microvascular endothelial cells. Atleast 20 different cytokeratins (CK) in the molecular range of 40-70 kDa and isoelectric points of 5-8.5 can be identified using two dimensional gel electrophoresis. Biochemically, most members of the CK family fall into one of two classes, type I (acidic polypeptides) and type II (basic polypeptides). At least one member of the acidic family and one member of the basic family is expressed in all epithelial cells. Monoclonal antibodies to cytokeratin proteins can be useful markers for tumor identification and classification.

Reacting with a variety of keratins (4,5,6,8,10,13 and 18) which reacts with a variety of normal reactive and neoplasmic epithelia. Reacting with simple epithelium and both basal and superbasal layers of comfying and non comfying squamous epithelium this antibody is also useful in staining cultured epithelial cell lines. It is useful in differentiating epithelial tumors from non-epithelial tumors.

Ordering Information

Catalog Number
X1260M

Size
100 µg

Form
Unconjugated

Host/Clone
Mouse Clone C11

Formulation
Provided as solution in phosphate buffered saline with 0.08% sodium azide

Concentration
See vial for concentration

Isotype
IgG1

Applications
Western Blot, Immunohistochemistry (Frozen & Paraffin Sections)

Species Reactivity
Human

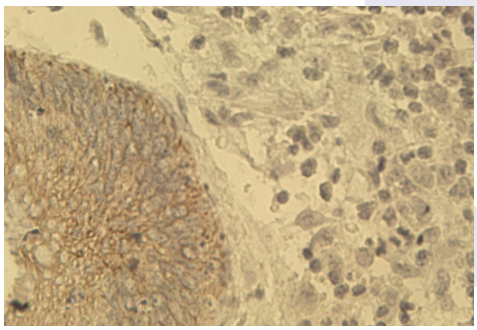
Accession Number

Human	P13647

Immunogen

Hybridoma produced by the fusion of splenocytes from mice immunized with cytoskeleton preparation from human A431 carcinoma cells and mouse myeloma cells.

Immunohistochemical staining of human colon cancer tissue using pan Keratin antibody (Cat. No. X1260M) at 2.5 µg/ml.



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Positive Control/Tissue Expression

Comments

Detect keratins 4,5,6,8,10,13 & 18 by Western blot. Optimal concentration should be evaluated by serial dilutions. Other Applications: Frozen Tissue Staining, Paraffin Section, Immunohistochemistry.

Purification

Protein A/G Chromatography

Ship Conditions

Ship at ambient temperature, freeze upon arrival

Storage Customer

Product should be stored at -20ºC. Aliquot to avoid freeze/thaw cycles

Stability

Products are stable for one year from purchase when stored properly

References

1. Folia Biol. 1989, 35, 373-382

2. Neoplasma 1990, 37, 333-342

3. J. Tumor Marker Oncol. 1990, 5, 219

4. Int. J. Cancer 1988, Suppl. 3, 50-55

Product Specific References

For research use only. Not for use in human diagnostics or therapeutics.

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