

DATASHEET

Cytokeratin (OSCAR) Monoclonal Antibody, Purified *Exclusively Provided by Covance*

Catalog Number: SIG-3465

Available Size: 1.0 mL, L1 6mL, L2 6mL

Description:

Monoclonal Antibody against Cytokeratin (OSCAR)

(Formerly Signet Catalog Nos: 465-01, 465-16 L1 Predilute, 465-26 L2 Predilute)

Intended Use:

**** In Vitro Diagnostic (IVD) ****

Form:

Purified Antibody (in PBS with BSA + 0.1%NaN3)

Clone:

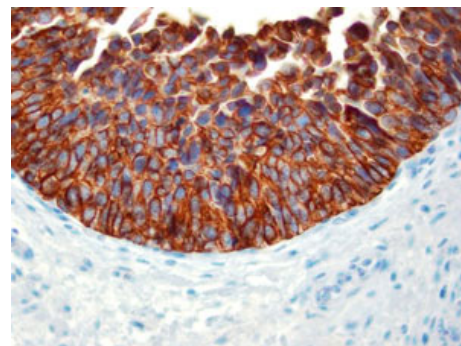
OSCAR

Host:

Mouse

IsoType:

IgG2a



Immunostaining of squamous cells surrounding sebaceous cells in skin using the anti-cytokeratin antibody, OSCAR (Cat: SIG-3465)

Specificity:

Covance's anti-cytokeratin antibody clone OSCAR demonstrates a broad spectrum of cytokeratin reactivity in immunoblotting. OSCAR is reactive with most epithelial types (in normal tissues) and with most carcinomas.

This antibody was developed using a crude cytokeratin extract prepared from RT-4 and MCF-7 cells.

Concentrated Format:

SIG-3465-1000 [1 mL]

Prediluted Formats:

SIG-3465-16 [L1 6 mL]

SIG-3465-26 [L2 6 mL]

Both are ready-to-use with either a Biotin-based (USA Ultra Streptavidin Detection, SIG-32250) or Biotin-free (ACUITYAdvanced Polymer Detection, SIG-32902) detection systems.

Uses:

This antibody is effective in immunoblotting and immunohistochemistry (IHC).

Suggested Working Dilution:

The optimal working dilution should be determined for each specific assay condition.

- **IHC:** $\geq 1:40$ (concentrated format) with Biotin based detection systems such as USA Ultra Streptavidin Detection (SIG-32250).

Tissue Sections: Formalin-fixed, paraffin-embedded tissues

Pretreatment: For optimal staining, the sections should be pretreated with an antigen unmasking solution such as citrate buffer retrieval solution (SIG-31932, SIG-31934).

Incubation: 20 minutes at room temperature

See reverse side for additional information

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Notes:

Positive tissue (human): Skin, Liver, Bladder, Breast

Storage:

Store between 2-8°C.

References:

Bahrami A, Gown AM, Baird GS, Hicks MJ, Folpe AL. Aberrant expression of epithelial and neuroendocrine markers in alveolar rhabdomyosarcoma: a potentially serious diagnostic pitfall. *Mod Pathol* 21(7):795-806, 2008.

Gown, AM, Yaziji H, Barry TS, Hwang HC. OSCAR, A novel broad anti-cytokeratin monoclonal antibody optimized for diagnostic immunohistochemistry. US Canadian Acad Pathol Ann Meeting, 2003.

Warranty/Conditions:

Covance products may not be resold or modified for resale without prior written approval. All sales are subject to Covance Antibody Products Terms and Conditions of Sale.

Datasheet Revision Date:

11/6/2011

Related Products:

- ACUITYAdvanced Biotin Free Polymer Detection System 50 Test DAB kit Catalog Number SIG-32902
- Pan-Cytokeratin (AE1/AE3) Monoclonal Antibody, Purified Catalog Number SIG-3464
- Chromogranin A Monoclonal Antibody, Purified Catalog Number SIG-3215
- Synaptophysin (SYP) Monoclonal Antibody, Purified Catalog Number SIG-3260
- Sodium Citrate H.I.E.R., 10x Catalog Number SIG-31934
- Ultra Streptavidin (USA) Horseradish peroxidase (HRP) 50 Test, Multi-Species, DAB Detection Kit Catalog Number SIG-32250
- Sodium Citrate H.I.E.R., 1x Catalog Number SIG-31932



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