

Cytokeratin, Pan (Clone OSCAR) Mouse Monoclonal Antibody

Specificity: Human, monkey, cow, rabbit, mouse, rat, chicken. Others-not known

Immunogen: Crude cytokeratin extract prepared from RT-4 and MCF-7 cells

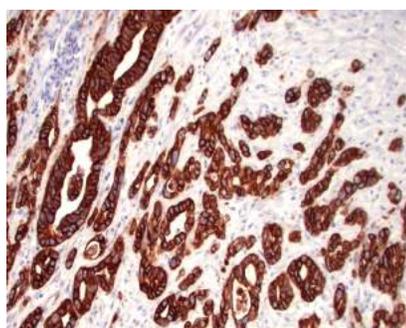
Ig Class: IgG2a/k

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Digestion with trypsin, 1mg/ml in PBS, at 37°C for 10 minutes. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:25-100; *Positive Control:* Squamous cell carcinoma, prostate. *Cellular Localization:* Membranous and cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

Description: Anti-cytokeratin clone OSCAR (CK OSCAR) demonstrates a broad spectrum of cytokeratin reactivity. In normal tissues, OSCAR is reactive with most epithelial types, including bile ducts and hepatocytes in liver, bladder epithelium, breast ducts, bronchial epithelium, endometrium, intestinal epithelium of stomach, duodenum, ileum, colon, rectum, pancreas, ovarian epithelium, pancreatic acini, pituitary acini, pneumocytes, prostate, thyroid, skin (positive on the basal layer and negative on the superficial layers of squamous epithelium), and apocrine and sweat glands. In tumors, OSCAR is reactive with most carcinomas, including breast, transitional cell (TCC), renal cell (RCC), lung adenocarcinoma, lung small cell, lung squamous cell, endometrial, prostate, ovarian, hepatocellular (HCC), colorectal CA, stomach and thyroid. It is negative in certain normal tissues, including brain, lymphocytes and all cells of hematolymphoid origin, muscle, brain, nerves, endothelium and in certain tumors including most melanomas, sarcomas, lymphomas, primitive neuroectodermal tumors (PNET)/Ewings and gastrointestinal stromal tumors (GIST). Positivity has been seen on some dendritic cells in lymph nodes, some endothelia, and some muscle cells.

Supplied As: Purified antibody with 0.2% BSA and 15mM sodium azide.



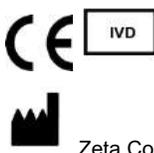
References:

1. Battifora H. *Am J Surg Pathol.* 1988; 12:24.
2. Cooper D, et al. *Lab Invest.* 1985; 52:243-56.
3. Gown AM, et al. *AM J Clin Pathol.* 1985; 84:413.

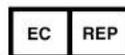
Formalin-fixed, paraffin-embedded human infiltrating breast carcinoma stained with anti-pankeratin OSCAR antibody using peroxidase-conjugate and DAB chromogen. Note the cytoplasmic staining of tumor cells

Cat. #Z2539 (1.0 ml)

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