Cytokeratin 7 (ZR428)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant full-length human KRT7 protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: Cytokeratin 7 (ZR428) Rabbit Monoclonal primary antibody detects Cytokeratin 7 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.
Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain Cytokeratin 7 protein.
Localization: Cytoplasmic.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: It recognizes an intermediate filament protein (IFP) of 55 kDa, which is identified as cytokeratin 7. This mAb is highly specific to cytokeratin 7 and shows no cross-reaction with other IFPs. Cytokeratin 7 is a basic cytokeratin, which is found in most glandular and transitional epithelia but not in the stratified squamous epithelia. Keratin 7 is expressed in the epithelial cells of ovary, lung, and breast but not of colon, prostate, or gastrointestinal tract. CK7 expression has been reported to be expressed by ovarian carcinomas (keratin 7+) but is absent in colon carcinomas (keratin 7-).

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Murray SK, et al. Am J Surg Pathol. 2004; 28:1154-62.
2. Chu P, et al. Mod Pathol. 2000; 13:962-72.
3. McCluggage WG, et al. Histopathology. 2005; 47:231-247

REF **Z2784RL-R/ Z2784RS-R/ Z2784RT-R/ Z2784RP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)**

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RUO (research use only) | LOT (lot number) | REF (catalogue number) | (expiry date) | (temperature limit) | (consult Instructions for Use)