Cytokeratin 8/18


IMMUNOGEN: Cytokeratins from human breast carcinoma cell line MCF-7.

REACTIVITY ACCORDING TO MANUFACTURER:
- It reacts with human cytokeratin intermediate filament proteins of 52.5 kD and 45 kD identified as cytokeratins 8 and 18, respectively. In normal tissues, this antibody recognizes all simple and glandular epithelium. In neoplastic tissues, it is useful for the identification of adenocarcinomas and most squamous cell carcinomas but keratinizing squamous carcinomas are generally negative.

STAINING PROCEDURE ACCORDING TO MANUFACTURER:
- Paraffin-embedded tissue sections: Trypsin digestion is recommended. Working dilution: 1/40, 1h, RT. Staining pattern: Cytoplasmic.

WORKING DILUTION: 1/50. Pretreatment with proteinase K.

METHOD: LSAB+/PO. 1h, RT.

CELLS/TISSUES STAINED (canine tissues unless specified):
- Stomach: Strong cytoplasmic reaction in mucosal epithelium and moderate reaction in glandular epithelium (cell margins). Mesothelium is strongly positive.

REFERENCES: