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36-3761: Anti-Cytokeratin, Basic (Type II or HMW) Monoclonal Antibody(Clone: DE-SQ)

Clonality: Monoclonal Clone Name: DE-SO

FACS.IF.WB.IHC Application:

Reactivity: Human Gene: KRT76 Gene ID: 51350 **Uniprot ID:** 001546

KRT2B; KRT2P; HUMCYT2A; Keratin, type II Cytoskeletal 2 oral; K76; Keratin 2p (K2P); **Alternative Name:**

Keratin-76; Cytokeratin-2P (CK-2P; Type-II Keratin Kb9

Isotype: Mouse IgG1, kappa

Immunogen Information: Cytoskeletal fraction prepared from human gingiva by detergent/salt extraction

Description

This antibody is specific to cytokeratin 13, 14, 15 and 16. This antibody stains squamous carcinomas and adeno-squamous carcinomas but does not stain adenocarcinoma. This antibody is useful in differential staining of squamous carcinomas from adenocarcinomas and to differentiate benign and malignant tumors of prostate glands.

Product Info

Amount: $20 \mu g / 100 \mu g$

200 μg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS Content:

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

is stable for 24 months. Non-hazardous.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (0.25-0.5ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&deqC followed by cooling at RT for 20 minutes);

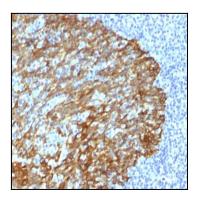


Fig. 1: Formalin-fixed, paraffin-embedded human Tonsil stained with Cytokeratin, HMW Mouse Monoclonal Antibody (DE-SQ).