

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

| | |
|--------------------------------|---|
| Clonality : | Monoclonal |
| Clone Name : | DE-SQ |
| Application : | FACS,IF,WB,IHC |
| Reactivity : | Human |
| Gene : | KRT76 |
| Gene ID : | 51350 |
| Uniprot ID : | Q01546 |
| Alternative Name : | KRT2B; KRT2P; HUMCYT2A; Keratin, type II Cytoskeletal 2 oral; K76; Keratin 2p (K2P); 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 µg / 100 µg |
| Content : | 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| Storage condition : | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody 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°C followed by cooling at RT for 20 minutes);

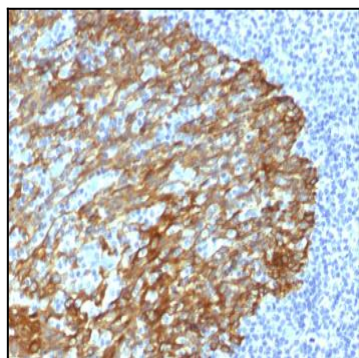


Fig. 1: Formalin-fixed, paraffin-embedded human Tonsil stained with Cytokeratin, HMW Mouse Monoclonal Antibody (DE-SQ).