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30-2535: Anti-Cytokeratin 10/13 Antibody (Clone : DE-K13)

Clonality :	Monoclonal
Clone Name :	DE-K13
Application :	WB, IHC(P), IHC(F)
Reactivity :	Human
Format :	Purified
Alternative Name :	K10, K13, CK10, CK13, CK-10, CD13, CYK10, CYK13, KRT10, KRT13
Isotype :	Mouse IgG2a
Immunogen Information :	Cytoskeletal preparation extracted from human ectocervical epithelium.

Description

Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families. Cytokeratins 10 and 13 both belong to type I family (acidic cytokeratins).
Specificity : The mouse monoclonal antibody DE-K13 reacts with cytokeratin 10 (56.5 kDa) and cytokeratin 13 (53 kDa). Cytokeratins are members of intermediate filaments subfamily of intracellular proteins, represented in epithelial tissues. DE-K13 recognizes only cytokeratin 13 on formalin-fixed, paraffin-embedded tissue sections.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

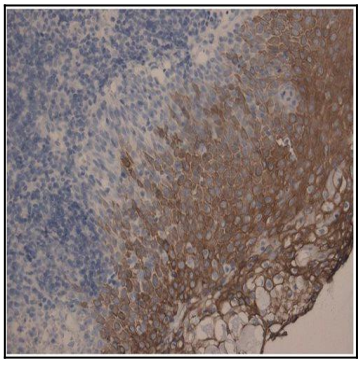


Figure 1 : Immunohistochemistry staining of tonsil (paraffin-embedded sections) with anti-Cytokeratin 10+13, (DE-K13). The antibody DE-K13 stains only Cytokeratin 13 when used on formalin-fixed, paraffin-embedded tissue sections.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.