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Technical Data Sheet

Product	**Anti-Cytokeratin 10/13 Purified**
Cat. Number/Size	**11-478-C025** **0.025 mg** **11-478-C100** **0.1 mg**
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	Cytokeratin 10/13
Clone	DE-K13
Format	Purified
Reactivity	Cat, Human
Application	WB, IHC(P), IHC(F)
Application details	Immunohistochemistry (paraffin sections): Standard ABC technique (DAB+), recommended dilution: 10 µg/ml (1:100), positive tissue: tonsil. Pretreatment: 0.1% pepsin in 0.1 M HCl for 30 min at room temperature or Target Retrieval Solution - High pH. The antibody DE-K13 reacts exclusively with Cytokeratin 13. Immunohistochemistry (frozen sections): Use at an assay dependent dilution. Western blotting: recommended dilution: 1-3 µg/ml.
Isotype	Mouse IgG2a
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.
Other names	K10, K13, CK10, CK13, CK-10, CD13, CYK10, CYK13, KRT10, KRT13
Immunogen	Cytoskeletal preparation extracted from human ectocervical epithelium.

Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography
Formulation	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on the label.

Images and References	www.exbio.cz

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