



11-101-C100

Monoclonal Antibody to Cytokeratin 5+18 Purified Antibody (0.1 mg)

Clone:	C-50
Isotype:	Mouse IgG1
Specificity:	The antibody C-50 reacts with Cytokeratin peptides 5 and 18 (58 and 45 kDa). Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.
Regulatory Status:	RUO
Immunogen:	Cytoskeleton preparation from HeLa cells.
Species Reactivity:	Human, Porcine, Mouse, Rat, Hamster, Bovine, Canine (Dog), Sheep
Negative Species:	Chicken, Xenopus, Other not tested
Application:	Immunohistochemistry (paraffin sections) Recommended dilution:10 µg/ml Positive control:Human prostate Immunoprecipitation Western Blotting Immunocytochemistry
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein-A affinity chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration:	See vial label
Lot Number:	See vial label
Background:	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.
References:	*Bartek J, Vojtesek B, Staskova Z, Bartkova J, Kerekes Z, Rejthar A, Kovarik J: A series of 14 new monoclonal antibodies to keratins: characterization and value in diagnostic histopathology. J Pathol. 1991 Jul;164(3):215-24.

Unless indicated otherwise, all products are For Research Use Only and not for diagnostic or therapeutic use. Not for resale or transfer either as a stand-alone product or as a component of another product without written consent of EXBIO. EXBIO will not be held responsible for patent infringement or other violations that may occur with the use of our products. All orders are accepted subject to EXBIO's term and conditions which are available at www.exbio.cz.

For laboratory research only, not for drug, diagnostic or other use.

EXBIO Praha | Nad Safinou II 341 | 252 50 Vestec u Prahy | Czech Republic
Tel: +420 261 090 666 | Fax: +420 261 090 660 | orders@exbio.cz | www.exbio.cz