

11-105-C100

Monoclonal Antibody to Cytokeratin 8 Purified Antibody (0.1 mg)

Clone:	C-43
Isotype:	Mouse IgG1
Specificity:	The antibody C-43 reacts with Cytokeratin 8 (52.5 kDa). Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.
Immunogen:	Cytoskeleton preparation from HeLa human cervix carcinoma cell line.
Species Reactivity:	Human, Porcine, Bovine, Sheep, Rabbit
Negative Species:	Mouse, Rat, Hamster, Chicken, Xenopus
Application:	Immunoprecipitation Western Blotting Immunohistochemistry (paraffin sections) Recommended dilution: 20 µg/ml Positive tissue: prostate Immunocytochemistry
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified from hybridoma culture supernatant 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 use after expiration date stamped on vial label. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
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:	*Kovarik J. et al.: J. Tumor Marker Oncol. 5, 219 (1990). *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.

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