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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## Purified Mouse anti-Cytokeratin Monoclonal Antibody

**CLX111AP**

**Lot:**

**Size:** 0.1 mg

**Clone:** C-51

**Isotype:** Mouse IgG1

**Specificity:** The antibody C-51 reacts with Cytokeratin 8 (52.5 kDa). Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.

**Immunogen:** Cytoskeleton preparation from HeLa cells.

**Species Reactivity:** Human, Porcine, Bovine, Sheep

**Negative Species:** Mouse, Rat, Canine (Dog), Rabbit, Chicken, Xenopus

**Application:** **Immunohistochemistry (paraffin sections)**  
**Immunoprecipitation**  
**Western Blotting**  
**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.

**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.

*This product is made available in collaboration with Exbio Praha, a.s.*

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4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020  
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In the USA: Toll Free: 1-800-721-1644

1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138  
e-mail: service@cedarlanelabs.com