

## Monoclonal Antibody to Cytokeratin 5+6+18

- Alternate names:** CK18, CK5, CK6, Cytokeratin 18, Cytokeratin 6, K18, K5, K6, KRT-5, KRT-6, KRT-8, KRT5, KRT6, KRT8, Keratin type I cytoskeletal 18, Keratin type II cytoskeletal 5, Keratin type II cytoskeletal 6
- Catalog No.:** AM05532PU-N
- Quantity:** 1 ml
- Host / Isotype:** Mouse / IgG1
- Clone:** LP34
- Immunogen:** Detergent-insoluble fraction of psoriatic human epidermis
- Format:** **State:** Lyophilised Tissue Culture Supernatant containing 15mM Sodium Azide  
**Reconstitution:** Reconstitute with 1 ml distilled water
- Applications:** Immunohistochemistry on frozen sections: 1/100; recognises cytokeratin 5, 6 and 18 with equal intensity, but staining of cytokeratin 18 in paraffinembedded tissues may be variable.  
Immunohistochemistry on paraffin sections: 1/100; this product requires protein digestion pre-treatment of paraffin sections e.g. trypsin.  
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
- Specificity:** This antibody recognises cytokeratins 5, 6 and 18. The antibody has a broad reactivity with epithelial tissues ranging from simple glandular epithelial to stratified squamous epithelial. This reagent is valuable for the identification of epithelial tumours.  
**Species:** Human.  
Other species not tested.
- Storage:** Prior to reconstitution store at 2-8°C.  
Following reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.  
Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.
- Caution:** (A full Health and Safety assessment is available upon request) This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
- General Readings:** 1. Ghosh AK, Erber WN, Hatton CS, O'Connor NT, Falini B, Osborn M, et al. Detection of metastatic tumour cells in routine bone marrow smears by immuno-alkaline phosphatase labelling with monoclonal antibodies. Br J Haematol. 1985 Sep;61(1):21-30. PubMed PMID: 2413878.