

# Anti-Keratin 19 [LP2K]

**Catalogue number:** 153429

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Irene Leigh

**Institute:** Cancer Research UK, London Research Institute: Lincoln's Inn Fields

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Keratin 19 [LP2K]

**Alternate name:** 4 kDa keratin intermediate filament antibody, CK 19 antibody, CK-19 antibody, CK19 antibody, Cytokeratin 19 antibody, Cytokeratin-19 antibody, K19 antibody, K1C19\_HUMAN antibody, K1CS antibody, Keratin 19 antibody, Keratin type I 4 kD antibody, Keratin type I 4kD antibody, Keratin type I cytoskeletal, 19 antibody, Keratin, type I cytoskeletal 19 antibody, Keratin type I 4 kd antibody, Keratin-19 antibody, KRT19 antibody, MGC15366 antibody

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Keratin 19 was first detected in squamous cell carcinoma lines and it is identifiable by its characteristically low molecular weight on SDS gels at 40 kD. It is generally regarded as being characteristic of simple epithelia such as intestine, kidney collecting ducts, gallbladder, mesothelium, and glandular secretory cells. Keratin 19 has unusually wide tissue distribution, and has been reported to be present, in significant quantities and under apparently normal conditions, in both stratified and squamous epithelia. Keratin 19 is a tumour marker used to establish poor prognosis in several types of carcinoma including hepatocellular and NSCL.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:**

Sonicated cytoskeleton fractions (material insoluble in 1% Nonidet-P40(N-P40)) from SVK14 cells (SV40-transformed human neonatal keratinocytes: 19)

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Keratin 19

**Target alternate names:**

**Target background:** Keratin 19 was first detected in squamous cell carcinoma lines and it is identifiable by its characteristically low molecular weight on SDS gels at 40 kD. It is generally regarded as being characteristic of simple epithelia such as intestine, kidney collecting ducts, gallbladder, mesothelium, and glandular secretory cells. Keratin 19 has unusually wide tissue distribution, and has been reported to be present, in significant quantities and under apparently normal conditions, in both stratified and squamous epithelia. Keratin 19 is a tumour marker used to establish poor prognosis in several types of carcinoma including hepatocellular and NSCL.

**Molecular weight:** 40 kDa

**Ic50:**

## Applications

**Application:** IHC ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:**

CancerTools.org