

# Anti-Keratin 1 [LL017]

**Catalogue number:** 152683

**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 1 [LL017]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Keratin 1 is differentiation specific keratin that is one of the predominant keratins in suprabasal keratinocytes in stratified epithelia. Mutations in keratin 1 causes epidermolytic hyperkeratosis. LL017 does not react with any tumour tissue regardless of histological classification.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgM

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Synthetic peptide - VSTTYSGVTR

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Keratin 1, Cytokeratin 1

**Target alternate names:**

**Target background:** Keratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I keratin (keratins 9 to 23) and one type II keratin (keratins 1 to 8). Keratins demonstrate tissue and differentiation specific expression profiles. Keratin 1 is differentiation specific keratin that is one of the predominant keratins in suprabasal keratinocytes in stratified epithelia. Mutations in keratin 1 causes epidermolytic hyperkeratosis. LL017 does not react with any tumour tissue regardless of histological classification.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** IHC ; IHC

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 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