

# Anti-Keratin 14 [SPK14]

**Catalogue number:** 154748

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:**

**Institute:** Netherlands Cancer Institute

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Keratin 14 [SPK14]

**Alternate name:** KRT14; Keratin 14

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Cytokeratin 14 is a member of the type I keratin family of intermediate filament proteins. Cytokeratin 14 is usually found as a heterodimer with type II keratin 5 and form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex and dermatopathia pigmentosa reticularis, both of which are autosomal dominant mutations

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human ; Pig ; Feline

**Selectivity:**

**Host:** Mouse

**Immunogen:** Mouse was immunized with a synthetic peptide corresponding to the carboxy-terminal sequence of human cytokeratin 14 (KVVSTHEQVLRTKN) coupled to keyhole limpet hemocyanin.

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Keratin14

**Target alternate names:**

**Target background:** Cytokeratin 14 is a member of the type I keratin family of intermediate filament proteins. Cytokeratin 14 is usually found as a heterodimer with type II keratin 5 and form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex and dermatopathia pigmentosa reticularis, both of which are autosomal dominant mutations

**Molecular weight:** 51 kDa

**Ic50:**

## Applications

**Application:** FACS ; 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:** de Melker et al. 1997. Lab Invest. 76(4):547-63. PMID: 9111516.

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