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## **KRT15 (6E7) Antibody**

**Subcategory:** Mouse Monoclonal Antibody

**Cat. No.:** 252936

**Unit:** 0.1 ml

### **Description:**

KRT15 (Cytokeratin-15) is a member of the keratin protein family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Keratin 15 is a type I keratin without a defined type II partner. Keratin 15 is expressed primarily in the basal keratinocytes of stratified tissues, including the fetal epidermis and fetal nail. Expression of keratin 15 is downregulated in some hyperproliferating situations, such as psoriasis and hypertrophic scars. Because keratinocytes in psoriasis and hypertrophic scars are activated, it is suggested that keratin 15 expression is not compatible with keratinocyte activation and the keratin 15 gene is downregulated to maintain the activated phenotype.

**Isotype:** Mouse IgG2a

**Applications:** WB, FC, IF

**Species Reactivity:** H

**Format:** Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

**Alternate Names:** Keratin, type I cytoskeletal 15; Cytokeratin-15; CK-15; Keratin-15; K15; KRTB; KRT15

**Accession No.:** P19012

**Antigen:** Purified recombinant fragment of KRT15 expressed in *E. coli*.

**Application Notes:** WB: 1:500-1:2000; IF: 1:200-1:1000; FC: 1:200-1:400;

**Storage:** Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.