

## CYTOKERATIN 18 (2B5) MOUSE MAB

**Cat.#:** N261409

**Product Name:** Anti-Cytokeratin 18 (2B5) Mouse Monoclonal Antibody

**Synonyms:** Cell proliferation inducing gene 46 protein; Cell proliferation inducing protein 46; Cell proliferation-inducing gene 46 protein; CK 18; CK-18; CK18; CYK 18; CYK18; Cytokeratin 18; Cytokeratin endo B; Cytokeratin-18; K 18; K18; K1C18\_HUMAN; Keratin 18; Keratin D; keratin; type I cytoskeletal 18; Keratin-18; KRT18.

**UNIPROT ID:** P05783

**Background:** K18 a type I cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Keratin 18 and its filament partner keratin 8 are perhaps the most commonly found members of the intermediate filament gene family.

**Immunogen:** Purified recombinant human Keratin 18 protein fragments expressed in E.coli.

**Applications:** WB,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 2B5-B6-F7

**MW:** Calculated MW: 48 kDa; Observed MW: 48 kDa

**Isotype:** IgG2a

**Purification:** Affinity Purified

**Species Reactivity:** Human,Monkey

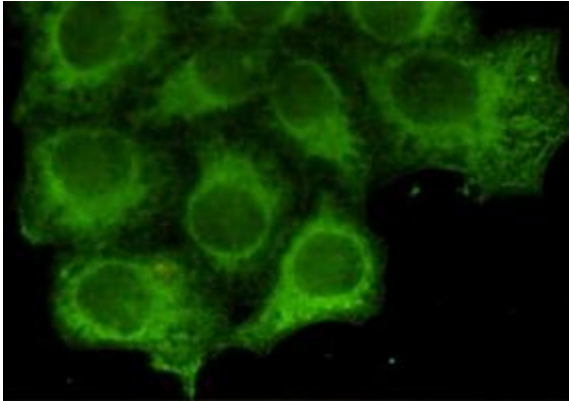
**Conjugation:** Unconjugated

**Modification:** Unmodified

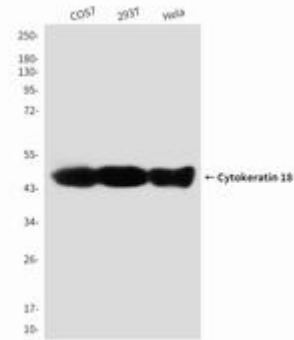
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Tags & Cell Markers

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Cytokeratin 18 (2B5) in HeLa using Keratin 18 antibody.



Western blot analysis of Keratin 18 in HeLa, COS7 and 293T lysates using Keratin 18 antibody.