CYTOKERATIN 18 (6A8) MOUSE MAB

Cat.#: N261189

Product Name: Anti-Cytokeratin 18 (6A8) 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 fragment of human Cytokeratin 18 (aa391-483) expressed in E. Coli.

Applications: WB,IHC-P

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 6A8-5E2-3D6

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

Isotype: IgG2b

Purification: Ascitic Fluid
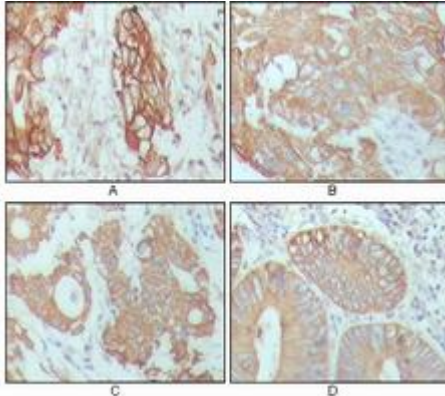
Species Reactivity: Human

Conjugation: Unconjugated
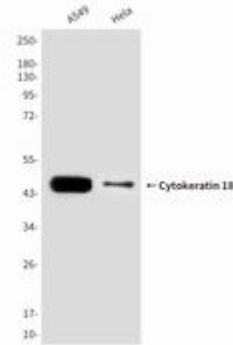
Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Tags & Cell Markers

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma, hepatocarcinoma, stomach cancer and colon cancer tissue using CK18 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of Cytokeratin 18 in A549 and Hela lysates using Cytokeratin 18 antibody.