

Cytokeratin 18 Mouse Monoclonal Antibody(1B3)

Catalog No.: RA10373

Basic Information

Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	46KD

Applications

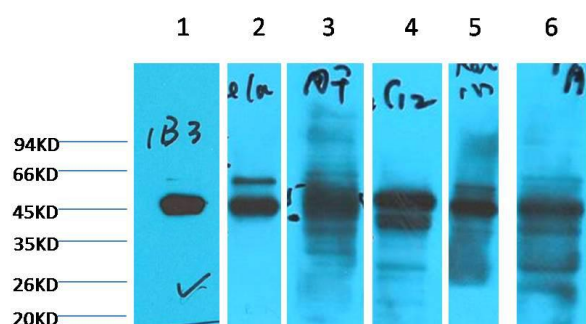
Recommended Dilution

WB	1:1,000-3,000
IHC	1:200-500
IF	1:100-200

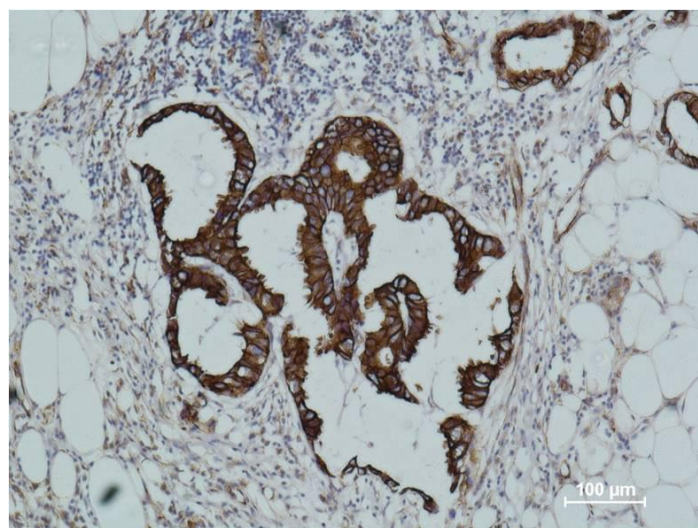
Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

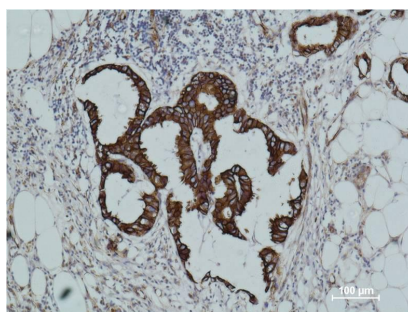
Experimental Data



Western blot analysis of 1)HepG2, 2)Hela, 3)Mouse Liver tissue, 4)C2C12, 5)Rat Heart tissue, 6)Mouse Skeletal Muscle tissue with Cytokeratin 18 Mouse MAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma using Cytokeratin 18 Mouse mAb diluted at 1:500.



IF analysis of Hela with Cytokeratin 18 Mouse MAb (1B3)(Left) and DAPI (Right) diluted at 1:100.

Background

Keratin 18 is a type I cytokeratin. It is, together with its filament partner keratin 8, perhaps the most commonly found products of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. Keratin 18 is often used together with keratin 8 and keratin 19 to differentiate cells of epithelial origin from hematopoietic cells in tests that enumerate circulating tumor cells in blood.

