Beijing Emarbio Science & Technology Co.,LTD

Anti-Cytokeratin 18 Mouse Monoclonal Antibody(3F2)

Catalog No.	EM42043-01	EM42043-02
Size	50μl	100μl

Species reactivity: **Human Mouse Rat** ***Molecular Weight:*** 46KD

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.

Specificity:Antibody can detects endogenous Cytokeratin 18 protein.

Application: **WB: 1:100-3,000 IF: 1:100-200**
Optimal dilutions/concentrations should be determined by the end user.

Form: Liquid ,1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% ***sodium azide*** as Preservative and 50% Glycerol.

Storage: Store at -20°C. Do not aliquot the antibody.

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 (3F2) diluted at 1:2000.

IF analysis of Hela with Cytokeratin 18 Mouse MAb (3F2) (Left) and DAPI (Right) diluted at 1:100.