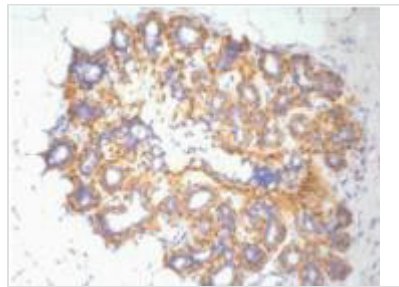




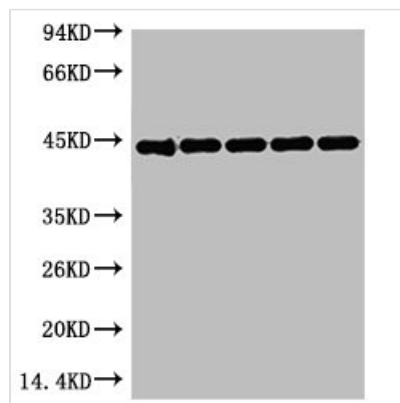
ACTB Monoclonal Antibody

Product Code	CSB-MA011019
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P60709
Immunogen	Synthetic Peptide
Raised In	Mouse
Species Reactivity	H,R,M,Mk,Dg,Ch,Hm,Rb
Tested Applications	ELISA,WB,IHC;Recommended dilution:WB:1:500-1:5000,IHC:1:50-1:500
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Isotype	IgG
Alias	ACTB; Actin, cytoplasmic 1; Beta-actin
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Gene Names	ACTB

Image



IHC Staining of Human ovary tissue, diluted at 1:200



Western blot analysis of 1) 293T, 2) Mouse Kidney tissue, 3) Hela, 4) Rat Heart tissue, 5) Rat Brain tissue, diluted at 1:5000.

Description

ACTB monoclonal antibody CSB-MA011019 was produced in the mouse immunized by using the synthetic Peptide as the immunogen. The target protein ACTB is one of six different actin proteins. Actin is a highly conserved protein



that polymerizes to produce filaments that form cross-linked networks in the cytoplasm of cells. They are involved in cell motility, structure, integrity, and intercellular signaling. This protein is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins that are ubiquitously expressed. Diseases associated with ACTB include Dystonia, Juvenile-Onset and Baraitser-Winter Syndrome 1.

This ACTB monoclonal antibody was tested in the ELISA, WB and IHC applications. It reacts with the ACTB proteins of H, R, M, Mk, Dg, Ch, Hm, Rb-origin and may be used to detect the endogenous levels of ACTB protein.