

CK7 Mouse Monoclonal Antibody (12D7)

Catalog No.: RA10324

Basic Information

Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	54KD

Applications

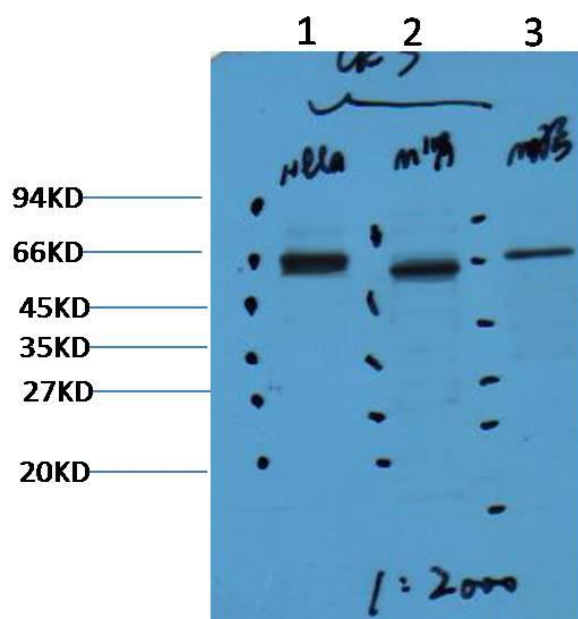
Recommended Dilution

WB	1:1,000-2,000
IHC	1:200
IP	1:200

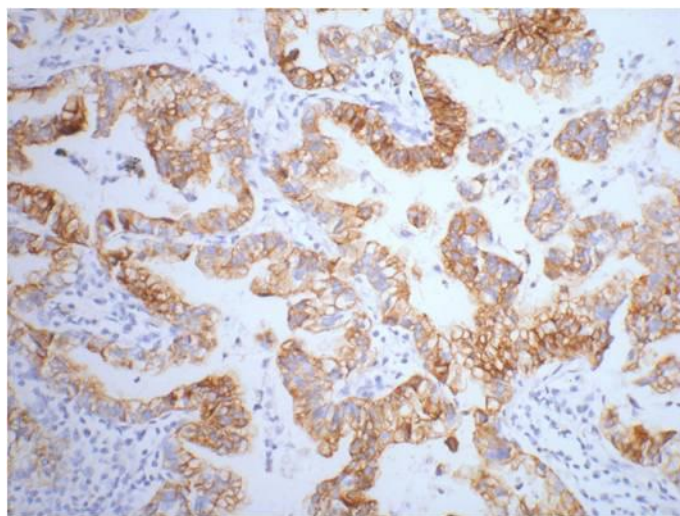
Preparation & Storage

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

Experimental Data



Western blot analysis of 1)HeLa, 2)Mouse Kidney, 3)Mouse Brain with CK7 mAb diluted at 1:2,000.



IHC staining of Human lung cancer tissue with CK7 mouse mAb diluted at 1:200.

Background

Cytokeratin 7 is a 54kD intermediate filament protein found in a variety of glandularepithelia. Cytokeratin 7 has been found in columnar and glandular epithelium of the lung,cervix,breast,bile ducts and larger collecting ducts of the kidney. It is present in the transitional epithelium of bladder as well as ovarian and lungepithelia,and occasionally staining of blood vessel cell walls,particularly endothelial cells,may be observed. However,Cytokeratin 7 is not expressed by epithelial cells of the gastrointestinal tract,colon or prostate. Keratin 7 is often co expressed with keratin 19.