
Product Name: Cytokeratin 8 Rabbit Monoclonal Antibody**Catalog #: AMRe86307**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:100-1:200,ICC/IF 1:100-1:500,FC 1:20-1:50,IP 1:20-1:50
Molecular Weight	Calculated MW:54 kDa; Observed MW:54 kDa

Antigen Information

Gene Name	Cytokeratin 8
Alternative Names	K8; KO; CK8; CK-8; CYK8; K2C8; CARD2
Gene ID	3856
SwissProt ID	P05787
Immunogen	A synthetic peptide of human Cytokeratin 8

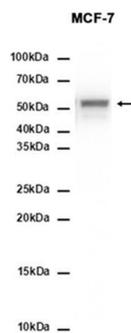
Background

This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically

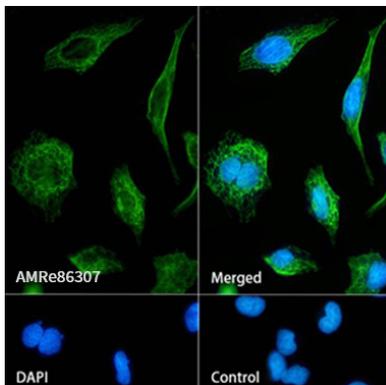
dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]

Research Area

Image Data



Western blot analysis of extracts from MCF-7 cells using Cytokeratin 8 Rabbit Monoclonal Antibody at 1:5000.



Immunofluorescence analysis of HeLa cells labelling Cytokeratin 8 with AMRe86307.