

32-6136: Mouse Anti Human Cytokeratin 8(Clone:PAT3D11Ae)

Clonality :	Monoclonal
Clone Name :	PAT3D11Ae
Application :	ELISA,WB
Gene :	KRT8
Gene ID :	3856
Uniprot ID :	P05787
Format :	Purified
Alternative Name :	Keratin type II cytoskeletal 8,Cytokeratin-8,CK-8,Keratin-8,K8,KRT8,CYK8,KO,CK8,K2C8,CARD2.
Isotype :	Mouse IgG3 heavy chain and Kappa light chain.
Immunogen Information :	Anti-human KRT8 mAb, clone PAT3D11A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human KRT8 protein purified from E. coli.

Description

Cytokeratin 8 (KRT8) belongs to 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. KRT8 typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. KRT8 has a role in retaining cellular structural integrity and also functions in signal transduction and cellular differentiation. KRT8 gene mutations cause cryptogenic cirrhosis.

Product Info

Amount :	20 µg
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.