



K1C9 Monoclonal Antibody

Catalog No	YP-mAb-05117
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KRT9
Protein Name	Keratin, type I cytoskeletal 9 (Cytokeratin-9) (CK-9) (Keratin-9) (K9)
Immunogen	Synthesized peptide derived from human protein . at AA range: 340-420
Specificity	K1C9 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	68kD
Cell Pathway	extracellular space,nucleus,intermediate filament,membrane,extracellular exosome,
Tissue Specificity	Expressed in the terminally differentiated epidermis of palms and soles.
Function	caution:Was originally (PubMed:2140676) thought to be a 60 kDa chain of placental scatter protein.,disease:Defects in KRT9 are a cause of palmoplantar keratoderma epidermolytic (EPPK) [MIM:144200]; also abbreviated EHPPK. EPPK is a dermatological disorder characterized by diffuse thickening of the epidermis on the entire surface of palms and soles sharply bordered with erythematous margins.,disease:Knuckle pads are sometimes associated with EPPK [MIM:149100]. Knuckle pads consist of an autosomal dominant trait, in which thick pads of skin appear over the proximal phalangeal joints.,function:May serve an important special function either in the mature palmar and plantar skin tissue or in the morphogenetic program of the formation of these tissues. Plays a role in keratin filament assembly.,induction:Induced by intrinsic regulatory mechanisms and by extrinsic signals from a subset of derma
Background	keratin 9(KRT9) Homo sapiens This gene encodes the type I keratin 9, an intermediate filament chain expressed only in the terminally differentiated epidermis of palms and soles. Mutations in this gene cause epidermolytic



palmoplantar keratoderma. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images