



Rabbit Anti-Human Kindlin 1 monoclonal antibody, clone 8I8M0 (CABT-L1299)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Equine, Bovine, Pig and Rabbit.
Target	FERMT1
Immunogen	Protein corresponding to Human FERMT1 (aa 200-409)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	8I8M0
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction	Kindlin 1 is a member of the kindlin family of focal adhesion proteins and contains a FERM domain and pleckstrin homology domain. It is involved in integrin signaling, linkage of the cytoskeleton to the extracellular matrix, and cell adhesion. It is most often expressed in epithelial cells. When kindlin 1 is coexpressed with talin it helps to activate ITGA2B. It is required for keratinocyte proliferation, polarization of basal keratinocytes in the skin, and for normal cell shape. Mutations in kindlin 1 have been linked to Kindler syndrome, a recessive skin disorder involving blistering, photosensitivity, poikiloderma, and atrophy.
Keywords	FERMT1;fermitin family member 1;URP1;KIND1;DTGCU2;UNC112A;C20orf42;fermitin family homolog 1;kindlerin;kindlin 1;UNC112 related protein 1;kindlin syndrome protein;unc-112-related protein 1

GENE INFORMATION

Entrez Gene ID	55612
UniProt ID	Q9BQL6
