



# 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

<b>Specificity</b>	This antibody is predicted to react with Monkey, Equine, Bovine, Pig and Rabbit.
<b>Target</b>	FERMT1
<b>Immunogen</b>	Protein corresponding to Human FERMT1 (aa 200-409)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	8I8M0
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC, ICC, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS, pH 7.2
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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](#)