

Product Datasheet

KDEL (ER Marker) Antibody

Catalog No: CY5151

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



Information

UniProt ID: P24390

All Names: KDEL; Lys Asp Glu Leu;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: Synthesized peptide

Molecular Wt.: kDa

Application

WB: 1:500~1:2000

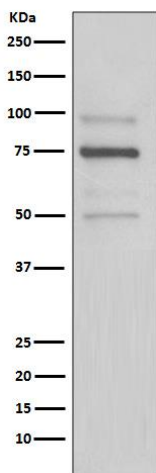
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

FC: 1:50

Background

This receptor recognizes K-D-E-L. The sequence Lys-Asp-Glu-Leu (KDEL) or a closely related sequence, is present at the carboxy-terminus of soluble endoplasmic reticulum (ER) resident proteins and some membrane proteins. Determines the specificity of the luminal ER protein retention system. Required for the retention of luminal endoplasmic reticulum proteins. Determines the specificity of the luminal ER protein retention system. Also required for normal vesicular traffic through the Golgi.



Western blot analysis of extracts from HeLa cells, using KDEL (ER Marker) antibody.

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