

Rabbit Anti-DERL2/AF350 Conjugated antibody

SL14280R-AF350

Product Name	Anti-DERL2/AF350
Chinese Name	AF350 标记的内质网退化蛋白 2 抗体
Alias	Carcinoma related; Carcinoma related; derlin 2; CGI 101; DERL2_HUMAN; Degradation in endoplasmic reticulum protein 2; DER 2; Der1 like domain family member 2; Der1-like protein 2; DER2; DERL 2; Derlin 2; Derlin2; DERtrin 2; DERtrin2; F LAN 1; F LANa; FLANa.
Research Area	Tumour Signal transduction Transporter
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Chicken,Pig,Cow,Rabbit)
Applications	ICC/IF=1:50-200,IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	27kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DERL2
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: Proteins that are unfolded or misfolded in the endoplasmic reticulum (ER) must be refolded or degraded to maintain the homeostasis of the ER. DERL2 is involved in the degradation of misfolded glycoproteins in the ER (Oda et al.,

2006 [PubMed 16449189]).[supplied by OMIM, Mar 2008]

Function:

DERL2 (Derlin 2) may be involved in the degradation process of specific misfolded endoplasmic reticulum (ER) luminal proteins. Its precise role is however unclear. In contrast to DER1, it is not involved in the degradation of MHC class I heavy chains in cas of infection by the cytomegalovirus. DERL2 may play a role in cell proliferation.

Subcellular Location:

Endoplasmic reticulum; Multi-pass membrane protein.

Similarity:

Belongs to the derlin family.

Database links:

[Entrez Gene: 51009](#) Human

[Entrez Gene: 116891](#) Mouse

[Omim: 610304](#) Human

[SwissProt: Q9GZP9](#) Human

[SwissProt: Q8BNI4](#) Mouse

[Unigene: 286131](#) Human

[Unigene: 28131](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.