

Datasheet for ABIN7601393
anti-C2orf30 antibody (AA 34-483)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	C2orf30 (ERLEC1)
Binding Specificity:	AA 34-483
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C2orf30 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-ERLEC1 Antibody Picoband®
Immunogen:	E.coli-derived human ERLEC1 recombinant protein (Position: L34-N483).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-ERLEC1 Antibody Picoband® (ABIN7601393). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	C2orf30 (ERLEC1)
Alternative Name:	ERLEC1 (ERLEC1 Products)
Background:	<p>Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7</p> <p>Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary.</p> <p>Background: Endoplasmic reticulum lectin 1 is a protein that in humans is encoded by the ERLEC1 gene. This gene encodes a resident endoplasmic reticulum (ER) protein that functions in N-glycan recognition. This protein is thought to be involved in ER-associated degradation via its interaction with the membrane-associated ubiquitin ligase complex. It also functions as a regulator of multiple cellular stress-response pathways in a manner that promotes metastatic cell survival. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 21.</p>
Molecular Weight:	55 kDa
Gene ID:	27248
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Cruciat, C.-M., Hassler, C., Niehrs, C. The MRH protein erlectin is a member of the endoplasmic reticulum synexpression group and functions in N-glycan recognition. J. Biol. Chem. 281: 12986-12993, 2006. 2. Scott, A. F. Personal Communication. Baltimore, Md. 7/18/2007.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.