

## Product Information

### Anti-Artemis (DCLRE1C)

Produced in rabbit, Affinity Isolated Antibody

Product Number **A 1605**

#### Product Description

Anti-Artemis (DCLRE1C) is produced in rabbit using as immunogen a peptide corresponding to the human Artemis protein (amino acids 677-692). The antibody is affinity-purified using the immunizing peptide immobilized on agarose.

Anti-Artemis (DCLRE1C) reacts with residues 677-692 (GESIAKKRKCSLLDT) of human artemis. The antibody may be used in immunoblotting (~78 kDa). A weak signal is often seen due to low expression levels.

Artemis is a novel protein that is involved in V(D)J recombination/DNA repair. Mutations cause human T-B-severe combined immunodeficiency associated with increased cellular radiosensitivity (RS-SCID).

#### Reagent

The antibody is supplied as a solution of ~1 mg/mL in phosphate buffered saline containing 0.02% sodium azide.

#### Precautions and Disclaimer

Due to the sodium azide content a material safety sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazardous and safe handling practices.

#### Storage/Stability

Store at -20 °C. The antibody may be stored at 2-8 °C for up to three months. For prolonged storage, freeze in working aliquots at -20 °C. Avoid repeated freezing and thawing. Do not store in a "frost-free" freezer.

#### Product Profile

For immunoblotting, a working antibody dilution of 1:250-1:1,000 is recommended using human testis lysate.

Note: In order to obtain the best results in various techniques and preparations, we recommend determining optimal working dilutions by titration.

#### References

1. Moshous, D., et al., Cell, **105**, 177-186 (2001).

KAA 10/05

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.