



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-AIRE Antibody (PerCP-Cy5.5)

**Product Number:** AC21-0210-19

## Overview

**Host Species:** Goat

**Clonality:** Polyclonal

**Purity:** Affinity purified using the immunizing peptide. The affinity purified antibody is then conjugated to the PerCP-Cy5 tandem conjugate (peridinin-chlorophyll-protein complex-cyanine 5).

**Conjugate:** PerCP-Cy5.5

## Physical Characteristics

**Amount:** 0.05 mg

**Volume:** 0.1 ml

**Concentration:** 0.5 mg/ml

**Buffer:** 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Storage:** Aliquot and store at -20°C. Minimize freezing and thawing.

## Specificity

**Tested Species Reactivity:** Human

**Predicted Species Reactivity:** Human

**Negative Species Reactivity:** Unknown

**Immunogen:** AIRE antibody (PerCP-Cy5.5) was raised against a synthetic peptide of AIRE. The AIRE peptide immunogen had the following sequence: C-QSMARPAAPFPS AIRE antibody (PerCP-Cy5.5) is expected to recognize isoforms 1 and 2 (NP\_000374.1 and NP\_000649.1 respectively)

**Blocking Peptide:** AIRE peptide, catalog number AC21-0210-P, is the immunizing peptide for this product and can be used as a negative control to block antibody (PerCP-Cy5.5) binding in a competition or adsorption assay.

## Target Information

**Accession Number(s):** NP\_000374.1, NP\_000649.1

**Gene ID Number(s):** 326 (human)

**Alternative Names:** AIRE; autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy); APS1; APSI; PGA1; APECED; AIRE protein; autoimmune regulator (APECED protein); autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrop

## Application Details

**Tested Applications:** ELISA, WB, IHC, ChIP

**ELISA:** Detection limit dilution 1:32000.

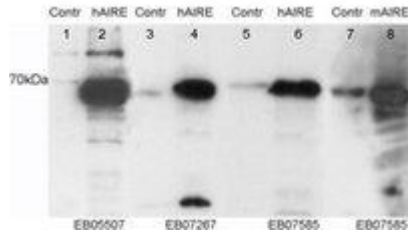
**Western Blot:** Recommended starting concentration for western blot is 0.01-0.03µg/ml.

**Immunohistochemistry:** Recommended starting concentration for immunohistochemistry is 2.5µg/ml.

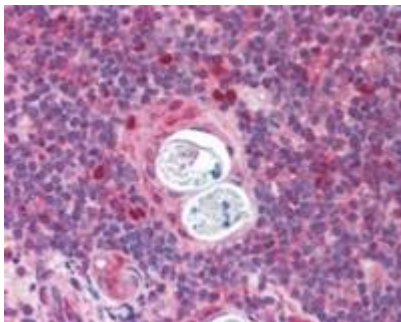
**Immunocytochemistry:** n/a



## Product Images



Western blot using AIRE antibody (unconjugated) (0.01 $\mu$ g/ml) on HEK293 cell lysate: untransfected (Lane 1) and transfected with human AIRE (lane 2). Data kindly provided by Prof. Pärt Peterson, University of Tartu, Estonia.



Immunohistochemistry staining using AIRE antibody (unconjugated) (2.5 $\mu$ g/ml) to detect endogenous AIRE in paraffin embedded human thymus.