



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12552 - Goat Anti-CD74 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CD74, DHLAG, HLADG, Ia-GAMMA, CD74 molecule, major histocompatibility complex, class II invariant chain, CD74 antigen, CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated), HLA-DR-gamma, Ia-associated invariant chain, MHC HLA-DR gamma chain, gamma chain of class II antigens

**Official Symbol:** CD74

**Accession Number(s):** NP\_001020330.1; NP\_004346.1

**Human GeneID(s):** [972](#)

**Important Comments:** This antibody is expected to recognize isoform a (NP\_001020330.1) and isoform b (NP\_004346.1).

### Immunogen

Peptide with sequence C-HSLEQKPTDAPPK, from the internal region of the protein sequence according to NP\_001020330.1; NP\_004346.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 33kDa band observed in Human Tonsil lysates (calculated MW of 33.5kDa according to NP\_001020330.1). Recommended concentration: 0.01-0.03µg/ml.

Primary incubation was 1 hour. This antibody has been successfully used in WB:

Meza-Romero R et al (2019). PMID: 30353480.

**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

### Specific Reference

**This antibody has been successfully used in Western blot:**

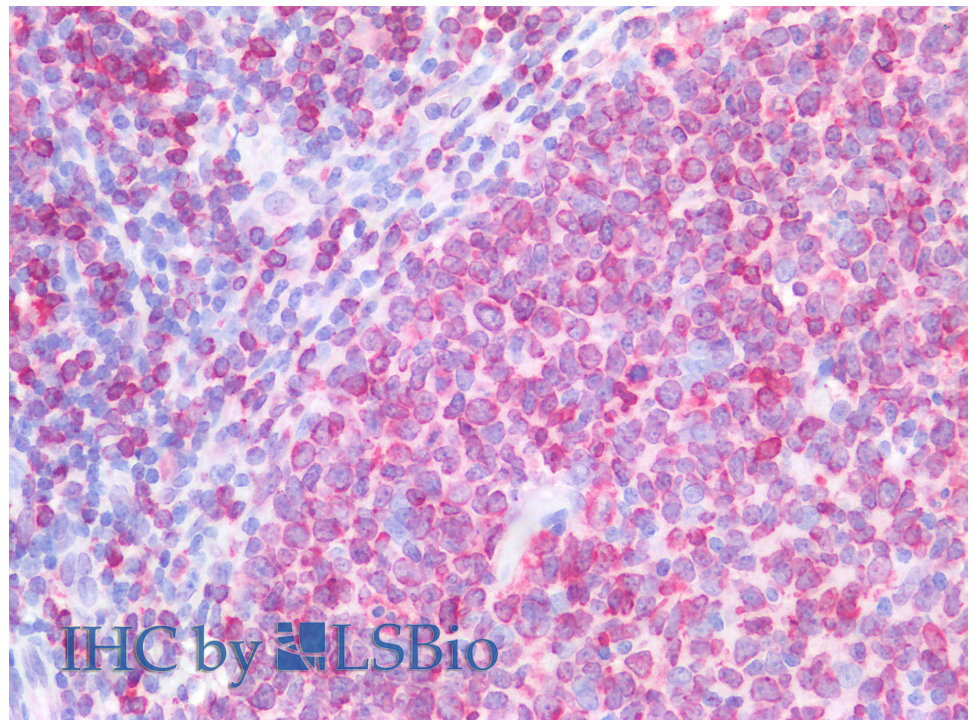
Meza-Romero R, Benedek G, Gerstner G, Kent G, Nguyen H, Offner H, Vandenbark AA  
Increased CD74 binding and EAE treatment efficacy of  
a modified DRα1 molecular construct.

Metab Brain Dis. 2019 Feb;34(1):153-164

PMID: 30353480



EB12552 (0.03 $\mu$ g/ml) staining of Human Tonsil lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB12552 (5 $\mu$ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.