



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-IL-1R1 [Antibody 6] Bulk Size Ab03374-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG2 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Rabbit IgG, Lambda

Clone Number: Antibody 6

Alternative Name(s) of Target: CD121a; IL1R1; IL1R; IL1RA; IL1RT1; Interleukin-1 receptor type 1; IL-1R-1; IL-1RT-1; IL-1RT1; CD121 antigen-like family member A; Interleukin-1 receptor alpha; IL-1R-alpha; Interleukin-1 receptor type I; p80

UniProt Accession Number of Target Protein: P14778

Published Application(s): inhibit, FC

Published Species Reactivity: Human, Cynomolgus Monkey

Immunogen: The original antibody was isolated from a naïve human single chain Fv (scFv) phage display libraries using a series of selection cycles on recombinant human IL-1R1. The scFv was later reformatted to the human IgG1 version.

Specificity: This antibody binds human IL-1R1 and cynomolgus monkey IL-1R1 but does not cross react with mouse IL-1R1. This antibody binds an epitope containing amino acids in a discontinuous epitope of 33 amino acids in three regions of human IL-1R1; N123-V134, L140-K157 and K178-R180. The human IL-1R1 protein acts as a receptor for IL1A, IL1B and IL1RN.

Application Notes: The binding affinity of this antibody to human IL-1R1 was determined using kinetic exclusion assay. It was reported that the human IgG1 version of this antibody binds human IL-1R1 with a binding affinity of 3.05 pM. The human IgG1 version of this antibody shows the inhibition of IL-1 β induced IL-8 release from HeLa cells. The IgG2 version was capable of inhibition of IL-1 β and IL- α induced IL-8 release from HeLa cells. The binding of this antibody was capable of inhibiting binding of IL-1Ra binding to IL-1R1. This antibody was reported to inhibit huIL-1 β -induced IL-8 release from CYNOM-K1 cells. The human IgG1 and IgG2 versions of this antibody was capable of inhibiting IL-6 production in human whole blood. The IgG2 version also blocked IL-1 activity (US8298533).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size:

1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.