



# 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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## Anti-IL-1B [MAb201] Bulk Size Ab03653-1.1-BT

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** MAb201

**Alternative Name(s) of Target:** IL1B; IL-1 $\beta$ ; 1L1F2; Interleukin-1 beta; IL-1 beta; Catabolin

**UniProt Accession Number of Target Protein:** P01584

**Published Application(s):** ICC, inhibit, neutralize, WB

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with E. coli derived recombinant human IL-1 beta /IL-1F2 (aa 117-269).

**Specificity:** This antibody binds human Interleukin-1 beta, which is a potent pro-inflammatory cytokine. This antibody is reported to show some cross reactivity with recombinant mouse IL-1b. Initially discovered as the major endogenous pyrogen, induces prostaglandin synthesis, neutrophil influx and activation, T-cell activation and cytokine production, B-cell activation and antibody production, and fibroblast proliferation and collagen production. It promotes Th17 differentiation of T-cells and synergizes with IL12/interleukin-12 to induce IFNG synthesis from T-helper 1 (Th1) cells. It also plays a role in angiogenesis by inducing VEGF production synergistically with TNF and IL6.

**Application Notes:** This antibody can be used in the detection of human IL-1b using western blot (PMID: 19465481). This antibody was used for the immunocytochemical staining of nuclear IL-1b in human breast cancer samples (PMID: 21057224). This antibody has been reported to neutralize the human IL-1 beta induced stimulation of proliferation in the D10.G4.1 mouse helper T cell line in a dose-dependent manner. This antibody inhibits binding of IL-1RAcP to IL-1 bound IL-1R1. This antibody is also reported to be as potent as IL-1ra in inhibiting IL-1 induced IL-6 in human chondrocytes. (US20030026806). Humanized version of this antibody is available on request.

**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.