



# 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

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## Anti-IL-17 [MCAF5352A (Afasevikumab)] Standard Size Ab04236-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** MCAF5352A (Afasevikumab)

**Alternative Name(s) of Target:** IL17; IL-17A; IL17A; CTLA8; Interleukin-17A; IL-17A; Cytotoxic T-lymphocyte-associated antigen 8; CTLA-8; IL17F; IL-17F; Interleukin-17F; IL-17F; Cytokine ML-1; IL-17AA; IL-17AF; IL-17FF

**UniProt Accession Number of Target Protein:**

**Published Application(s):** neutralize, SPR, Block, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was produced by immunizing HuMab® mice with human IL-17.

**Specificity:** This antibody is specific for human IL-17A and human IL-17F. It also binds their respective dimers — IL-17AA, IL-17AF, and IL-17FF.

**Application Notes:** This antibody successfully completed phase I clinical trials (Mitra et al., 2014; PMID: 25398489). The pharmacokinetics of this antibody and the post-dose levels of IL-17AA and IL-17FF in healthy were assessed as part of the phase I study (Peng et al., 2018; PMID: 30547287). The crystal structure of the Fab version of this antibody was resolved, and its binding kinetics ( $K_D$ ) was measured at  $7.78 \pm 0.23$  pM. Furthermore, alterations to the antibody's aromatic residues in its binding site and their effect on binding kinetics were assessed (Tilegenova et al., 2020; PMID: 31779513).

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

**Note on publication:**

### Product Form

**Size:** 100 µg Purified antibody.

**Purification:**

Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. 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.