



# 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-TIM-3 [mab15] Ab03433-10.3-BT

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

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

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

**Clone Number:** mab15

**Alternative Name(s) of Target:** CD366; HAVCR2; HAVcr-2; TIM3; TIMD-3; TIMD3; Hepatitis A virus cellular receptor 2; T-cell immunoglobulin and mucin domain-containing protein 3; T-cell immunoglobulin mucin receptor 3; T-cell membrane protein 3

**UniProt Accession Number of Target Protein:** Q8TDQ0

**Published Application(s):** functional assay, inhibit, ELISA, FC

**Published Species Reactivity:** Human, Mouse

**Immunogen:** The original antibody was generated by immunizing BALB/c mice or SJL mice with human and mouse TIM-3-Fc protein.

**Specificity:** This antibody binds human TIM-3 and capable of inhibiting the interaction of TIM-3 and LILRB2. It is reported that this antibody strongly binds CC' loop and mildly to the DE loop of TIM-3. Hepatitis A virus cellular receptor 2 (HAVCR2), also known as T-cell immunoglobulin and mucin-domain containing-3 (TIM-3), is a protein expressed on the cell surface of IFN $\gamma$  producing CD4+ Th1 and CD8+ Tc1 cells. This protein is also expressed on the surface of Th17 cells, regulatory T-cells and innate immune cells like dendritic cells, NK cells and monocytes. It is a cell surface receptor implicated in modulating innate and adaptive immune responses (US20160200815).

**Application Notes:** This antibody can inhibit the interaction between TIM-3 and LILRB2 and can be used in the treatment of TIM-3 related disorders. The binding characterization of this antibody to human and mouse TIM-3 was done using ELISA and flow cytometry. Blocking of TIM-3:LILRB2 interactions by this antibody was evaluated in activated-macrophage and activated-DC assays. This antibody was able to initiate TNF $\alpha$  secretion in LPS activated macrophages. The stimulation of pro-inflammatory cytokines GM-CSF, IL-1 $\alpha$ , IL-1 $\beta$ , IL-6 and TNF $\alpha$  by this antibody was greater for macrophages from the LILRB2+ donor compared to the low LILRB2 donor

**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.