



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-TLR7 [LTM3] Standard Size Ab03265-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: LTM3

Alternative Name(s) of Target: Toll-like receptor 7; UNQ248/PRO285

UniProt Accession Number of Target Protein: Q9NYK1

Published Application(s): ELISA, FC

Published Species Reactivity: Monkey, Human

Immunogen: The original antibody was generated by immunizing TLR7 deficient BALB/mice with Ba/F3 cell line expressing hTLR7-Flag-His6/hUnc93B1-HAx2 mixed with a suitable adjuvant.

Specificity: This antibody binds human toll-like receptor 7 (TLR7). It also cross reacts with monkey TLR7. It is an endosomal receptor that plays a key role in innate and adaptive immunity. It also controls host immune response against pathogens through recognition of uridine-containing single strand RNAs (ssRNAs) of viral origin or guanosine analogs. TLR7 is considered to be a useful marker in indicating pathological condition of autoimmune diseases.

Application Notes: This antibody was used in combination with another anti-TLR7 antibody called rE3 to detect human TLR7 in a sandwich ELISA. LTM3 was used as used as a capturing antibody and biotinylated rE3 antibody (rE3-bio) was used a detecting antibody. This antibody can be used for the detection of human TLR7 in serum or plasma derived from human peripheral blood. The binding ability of this antibody for Ba/F3 cell line expressing human TLR7, mouse TLR7 and monkey TLR7 was checked using flow cytometry. This antibody can successfully detect human and monkey TLR7, but not mouse TLR7 in a flow cytometry (US20210199667).

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

Note on publication:

Product Form

Size: 200 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.