



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Anti-Human IgG [17F12] Bulk Size Ab01176-1.7-BT

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Mouse IgG1 sequence with a short dimerization domain to improve stability and a his tag.

This reformatted mouse 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:** Mouse F(ab)2, AbFab2™ His-Tagged, Kappa

**Clone Number:** 17F12

**Alternative Name(s) of Target:** Immunoglobulin G

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA

**Published Species Reactivity:** rhesus macaque, Human, Cynomolgus Monkey

**Immunogen:** This antibody was raised against human IgG.

**Specificity:** This antibody binds to all four human IgG subtypes (IgG1, IgG2, IgG3 & IgG4). Some cross-reactivity with rabbit IgG, cynomolgus monkey IgG1 and rhesus macaque IgG1 has also been reported.

**Application Notes:** A Fab and an scFv fragment derived from this antibody, conjugated with bacterial alkaline phosphatase, have been used in sensitive enzyme immunoassays for the detection of human IgG (Carrier et al, 1995). Further, the antibody reacted with human IgG1, cynomolgus monkey IgG1 and rhesus macaque IgG1 by ELISA analysis, but it did not show any cross reactivity with cynomolgus monkey IgG4.

**Antibody First Published in:** Carrier et al. Recombinant antibody-alkaline phosphatase conjugates for diagnosis of human IgGs: application to anti-HBsAg detection Journal of Immunological Methods, 1995, Vol.181(2), pp.177-186 [PMID:7745247](#)

**Note on publication:** Describes the derivation of an scFv and Fab from this antibody, and their use in a sandwich ELISA.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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.