



# 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-IDO1 [19C5] Bulk Size Ab03196-1.1-BT

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

**Clone Number:** 19C5

**Alternative Name(s) of Target:** IDO-1; IDO; INDO; Indoleamine 2,3-dioxygenase 1; Indoleamine-pyrrole 2,3-dioxygenase; CGMCC NO 20770; EPR20374

**UniProt Accession Number of Target Protein:** P14902

**Published Application(s):** ELISA, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with recombinant human IDO1 protein.

**Specificity:** This antibody binds an enzyme called indoleamine 2,3-dioxygenase 1 (IDO1). This molecule catalyzes the first and rate limiting step of the catabolism of the essential amino acid tryptophan along the kynurenine pathway. It is involved in the peripheral immune tolerance, contributing to maintain homeostasis by preventing autoimmunity or immunopathology that would result from uncontrolled and overreacting immune responses. It acts as a suppressor of anti-tumor immunity. IDO1 is the target for therapy in a range of clinical settings, including cancer, chronic infections, autoimmune and allergic syndromes, and transplantation. Elevated IDO1 expression is a hallmark of major viral and bacterial infections.

**Application Notes:** This antibody can bind human IDO1 in an ELISA. The original mouse IgG1 antibody binds human IDO1 with an affinity constant of  $7.68 \times 10^9 \text{ M}^{-1}$ . This antibody can be used for the immunohistochemical analysis of various normal and cancerous human tissues like lymph node cells and Hodgkin's lymphoma tissues. The immunohistochemical staining pattern of this antibody is similar to another anti-IDO1 antibody EPR20374 (CN113045667).

**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.