



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-antibody heavy chain [11-E3] Standard Size Ab02375-1.1

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

**Clone Number:** 11-E3

**Alternative Name(s) of Target:** B cell immunoglobulin; ferret B Cell Heavy Chain; Ig gamma; IgG; ferret immunoglobulin; E3

**UniProt Accession Number of Target Protein:**

**Published Application(s):** WB, ELISA, FC

**Published Species Reactivity:** Ferret (*Mustela putorius furo*)

**Immunogen:** The original mouse IgG1 version of this antibody was raised against ferret immunoglobulins (IgG + IgM).

**Specificity:** This antibody is specific for the heavy chain chain of ferret B cell immunoglobulin.

**Application Notes:** This antibody is recommended for the detection of ferret B cell immunoglobulin. It was screened for reactivity against ferret peripheral blood mononuclear cells by FCM what demonstrated specificity for CD79B+ B cells (Kirchenbaum and Ross, 2017; pmid:28286781). It is suitable for Western Blot, ELISA and Flow Cytometry applications. Enzyme-linked immunosorbent assay with the murine version of this antibody (ELISA) was used to assess the reactivity against purified ferret Ig and to determine the IgG subclass and concentration of the respective mAb (Kirchenbaum and Ross, 2017; pmid:28286781). Further, a competitive ELISA was performed using unlabeled and biotinylated MαF-Ig mAb to identify overlapping epitope recognition (Kirchenbaum and Ross, 2017; pmid:28286781). To characterize the specificity of the murine version of this antibody a western blot on ferret immunoglobulin was performed (Kirchenbaum and Ross, 2017; pmid:28286781). ELISA with the murine version of this antibody was used to determine the concentration of total Igκ and Igλ in ferret serum (Kirchenbaum et al, 2017; pmid:29079697).

**Antibody First Published in:** Generation of Monoclonal Antibodies against Immunoglobulin Proteins of the Domestic Ferret (*Mustela putorius furo*) J Immunol Res. 2017;2017:5874572. [PMID:28286781](#)

**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.