



# 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-CD44v6 [BIWA4] Bulk Size Ab03793-1.1-BT

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

**Clone Number:** BIWA4

**Alternative Name(s) of Target:** bivatumumab; CD44 antigen; CDw44; Epican; Extracellular matrix receptor III; ECMR-III; GP90 lymphocyte homing/adhesion receptor; HUTCH-I; Heparan sulfate proteoglycan; Hermes antigen; Hyaluronate receptor; Phagocytic glycoprotein 1; PGP-1; Phagocytic glycoprotein I; PGP-I

**UniProt Accession Number of Target Protein:** P16070

**Published Application(s):** in vivo, SPR, therapeutic, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The antibody is the humanized version of the murine BIWA-1.

**Specificity:** The antibody is specific for CD44v6. The antibody recognises an epitope encoded by variant exon v6 of CD44. CD44v6 is a tumor associated antigen abundantly expressed in head and neck squamous cell carcinomas (HNSCC) and in normal squamous epithelium.

**Application Notes:** The binding affinity of the antibody to CD44v6 was measured by surface plasmon resonance. The antibody showed a specificity of tumor localization when administrated together with another anti-CD44v6 antibody in mice in in vivo experiments (Verel et al. 2002; PMID: 11992408). The specificity of the humanized version of the antibody was confirmed by ELISA analysis (Kd= 3.4 nM). The antibody had good therapeutic efficacy, biodistribution and tumor uptake in in vivo experiments in mice. Mice treated with <sup>186</sup>Re-BIWA 4 showed a decreased in the tumor volume (US6972324B2). The radioactively labelled humanized version of the antibody was employed in a clinical trial in patients with advanced squamous cell carcinoma of the head and neck showing promising antitumor effects (Börjesson et al., 2003; PMID: 14506195).

**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.