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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-CD44v6 [BIWA8] Standard Size Ab03794-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: BIWA8

Alternative Name(s) of Target: 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

Published Species Reactivity: Human

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

Specificity: The antibody is specific for CD44v6. CD44v6 is a tumor associated antigen abundantly expressed in head and neck squamous cell carcinomas (HNSCC) and in normal squamous epithelium.

Application Notes: The antibody is the mutated version of BIWA-4 that was constructed with the aim of improving binding affinity. 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 to 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= 0.84 nM). The antibody had good therapeutic efficacy in in vivo experiments in mice. Mice treated with labelled 186Re-BIWA 8 showed a decreased in the tumor volume (US6972324B2).

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

Note on publication:

Product Form

Size: 100 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.