

## **PRODUCT INFORMATION**

CA9 **Target** 

Monoclonal Cell Line Derived from CHO-S Cells, Description Engineered for Stable Expression of Human CA9

Using Lentiviral Technology

**Host Cells** CHO-S **Uniprot ID** Q16790 **Applications FACS Data** 

DMEM+10% FBS+1% P.S+Gln+2 ug/mL **Growth media** 

Puromycin 5E6 Cells/mL

**Package Host Species** Human

Warranty and

**Background** 

SKU: BME100040 **Suggested Control** 

> 1. Please inspect cells upon receipt and report any issues promptly. 2. We offer one-time replacements for issues reported within a week of receipt. 3. User-induced issues are not eligible for

free replacements. 4. We do not accept liability for damages resulting from cell use, storage, or loss. 5. Feedback received more than one month Disclaimer after receipt will not be processed.

Cells are shipped using dry ice and require liquid Storage & Shipping nitrogen storage for long term preservation.

Synonyms

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a

variety of biological processes; including respiration; calcification; acid-base balance; bone resorption; and the formation of aqueous humor; cerebrospinal fluid; saliva; and gastric acid. They show extensive diversity in tissue distribution and

in their subcellular localization. CA IX is a transmembrane protein and is one of only two tumor-associated carbonic anhydrase isoenzymes

known. It is expressed in all clear-cell renal cell carcinoma; but is not detected in normal kidney or most other normal tissues. It may be involved in cell proliferation and transformation. This gene was mapped to 17q21.2 by fluorescence in situ hybridization; however; radiation hybrid mapping

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localized it to 9p13-p12.

Usage For research use only.



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## Hu\_CA9 CHO-S Cell Line

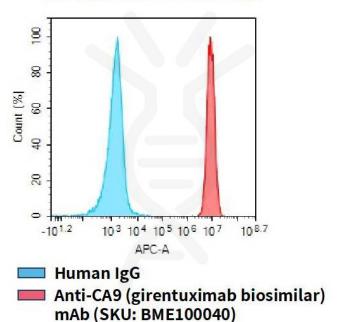


Figure 1. Flow cytometry analysis of human CA9 overexpression using Hu\_CA9 CHO-S Cell Line (Cat. No. CEL100045) and Anti-CA9 (girentuximab biosimilar) mAb (Cat. No. BME100040)

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