海南省迈迪卡门德商贸有限责任公司 Hainan Medikamende Trading Co., Ltd.

SPECIFICATION SHEET

Poduct Name: McAb to CA15-3 Catalog #: L1C00801

Description: Monoclonal Antibody to Cancer Antigen CA15-3 (Breast Cancer)

Specificity: Specific for the tandem repeat of the MUC-1 core. Recognizes the

hexapeptide (TRPAPG). The MUC-1 mucin (Cancer Antigen CA15-3) is secreted from tumor cells. The apo-protein of the MUC-1 mucin contains a transmembrane domain, a cytoplasmic domain, and an extracellular carbohydrate rich domain. The extracellular domain is characterized by polymorphism with respect to the number of a 20 amino acid tandem repeat

(VNTR polymorphism).

Clone: CA009

Host Animal: Mouse. Hybridization of P3X63-Ag8.653

Isotype: IgG_1 myeloma cells with spleen cells from Balb/c mice.

Source: Mouse Ascites

Immunogen: Human breast cancer cell line ZR 75-1

Format: Purified, Liquid

Purification: Ion exchange

Concentration&Lot: 5 mg/ml Lot: L180401

Buffer: 150mM NaCl 10mM Tris PH7.4

Preservative: 0.05%NaN3

Applications: Detection antibody in serological assays for the research of antigen MUC-1.

Forms a suitable pair with CA008, Catalog # L1C00802 as capture. Immunohistochemistry on frozen or paraffin sections for the detection of MUC-1. Immunochemical detection of MUC-1 protein. Each laboratory should determine an optimum working titer for use in its particular

application.

Storage&Shelf life: Store at -20 C for 3 years. Avoid multiple freeze/thaw cycles.

FOR RESEARCH USE ONLY.

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