

**MONOCLONAL ANTIBODY TO
HUMAN CARCINOMA ASSOCIATED ANTIGEN MAM-6
clone 115D8**



Catalog nr	HM2131 (lot number and expiry date are indicated on the label)
Description	Carcinoma associated antigen MAM-6 also known as a milkfat globule membrane antigen is a mucus glycoprotein of >400 kD that is located mainly in the glycocalyx of most glandular epithelial cells. It is also located in the cytoplasm and on the membrane of most carcinoma cells and some other tumor cells. Antibody 115D8 recognizes epitope "a" of MAM-6 and reacts very strongly with a majority of carcinomas (99.2%) and adenomas (61.4%). It occasionally shows a very weak cross reactivity with sarcomas and leukemias. It does not react with normal intestine or colorectal adenomas, but reacts with colorectal carcinomas.
Species	Mouse IgG _{2b}
Formulation	1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.
Application	The antibody can be used for immunoprecipitation, Western blotting and immunohistology on frozen and paraffin sections.
Use	For Western blotting and immunohistology dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.
Storage and stability	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.
Precautions	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and Federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result with the use of or derivation of this product.
References	<ol style="list-style-type: none">1. Tsubura, A et al; Expression of MAM-3 and MAM-6 antigens in endometrial and endocervical adenocarcinomas. <i>Virchows Arch A Pathol Anat Histopathol</i> 1985, 407: 592. Zotter, S et al; Immunohistochemical localization of the epithelial marker MAM-6 in invasive malignancies and highly dysplastic adenomas of the large intestine. <i>Lab Invest</i> 1987, 57: 1933. Yamada, D et al; Immunohistochemical expression of MAM-3 and MAM-6 antigens in salivary gland tumours. <i>Virchows Arch A Pathol Anat Histopathol</i> 1989, 415: 5094. Shibuya, C et al; Immunohistochemical study of a monoclonal antibody 115D8 against human milk-fat globule membrane (MAM-6) in some histological types of breast cancer. <i>Nippon Geka Hokan</i> 1990, 59: 295
Also available	HM2123 Monoclonal antibody against Human Aurora-A kinase, clone 35C1 HM2128 Monoclonal antibody against Human Keratin 7, clone OVLT 12/30 HM2129 Monoclonal antibody against Human Melanoma associated antigen, clone NKI/M6 HM2130 Monoclonal antibody against Human Melanoma associated antigen, clone NKI/beteb