Monoclonal Mouse Antibody to Transglutaminase II

Catalog No.:	Mob 353, Mob 353-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were injected with purified guinea pig liver TGase II.
Clone:	CUB 7402
Isotype:	IgG1
Format:	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:75 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.
Specificity:	This antibody reacts with a 77-85 kD protein known as Transglutaminase II (TGase II). TGase II catalyzes calcium-dependent post-translational modification of proteins by formation of an isopeptide bond within or between polypeptide chains. Different tissue and cell types express varying amounts of tissue Transglutaminase. This antibody cross-reacts with dog, rabbit, and Guinea pig.
Positive Control:	Breast carcinoma
Cellular Localization:	Cytoplasmic, cell membrane, extracellular matrix
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Birckbichler et al. Hybridoma 4: 179, 1985.

IVD: For In Vitro Diagnostic Use

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