

## Product datasheet for **AM10032PU-N**

### EMA (MUC1) Mouse Monoclonal Antibody [Clone ID: EMA201]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	EMA201
Applications:	IF, IHC
Recommended Dilution:	Suitable for Immunohistochemistry and Immunocytochemistry (Frozen or Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections and cell smears) For IHC dilute concentrated antibody at 1/50-1/100, use streptavidin~biotin system or polymer system, incubate 30 minutes at room temperature. Immunofluorescence. Recommended Positive Control: : Breast CA, colon CA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human milk fat globule membranes.
Specificity:	This antibody is specific for Epithelial Membrane Antigen (EMA). Cellular Localization: Cytoplasmic, cell membrane.
Formulation:	PBS, pH 7.4 containing 1% BSA as stabilizer and 0.05% Sodium Azide as preservative. State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	mucin 1, cell surface associated
Database Link:	<a href="#">Entrez Gene 4582 Human P15941</a>



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**Background:** Epithelial Membrane Antigens are high molecular weight mucin-like glycoprotein. Antibodies to EMA have been shown to be useful as pan-epithelial markers for detection of early metastatic loci of carcinoma in the bone marrow or liver.

**Synonyms:** MUC-1, PEMT, Episialin, EMA, H23AG, PUM, DF3, CA 15-3