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36-1425: Monoclonal Antibody to Milk Fat Globule (Breast Epithelial Marker)(Clone : SPM291)

Clonality :	Monoclonal
Clone Name :	SPM291
Application :	IHC
Reactivity :	Human
Gene :	MFGE8
Gene ID :	4240
Uniprot ID :	Q08431
Format :	Purified
Alternative Name :	MFGE8
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Human milk fat globule membrane prepaRation

Description

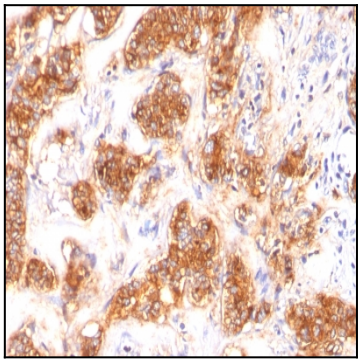
Recognizes a protein of 40-45kDa, identified as human milk fat globule membrane protein (HMFG). HMFG is present on normal human breast epithelial cells and cell lines derived from breast carcinomas, as well as to the outer surface of the human milk fat globule. HMFG is considered as a differentiation marker. It is useful as specific breast epithelial marker and can also provide a tool to study the role of the cell surface in normal and neoplastic mammary development.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with Milk Fat Globule Monoclonal Antibody (SPM291)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.