

## Product datasheet for **BM607S**

### **MFGE8 Mouse Monoclonal Antibody [Clone ID: MFG-06]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	MFG-06
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Western Blot.</b> <b>Immunocytochemistry.</b> <b>Immunohistochemistry</b> on methanol/acetone fixed cultured cells and on cryostat or formalin fixed paraffin-embedded sections (strongly positive on human epithelia-based structures).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human milk fat globulin membrane preparation
Specificity:	The <i>MFG-06</i> monoclonal antibody reacts with 40-45 kDa glycoprotein in Human milk fat globule membrane preparation.
Formulation:	PBS, pH~7.4 State: Purified State: Liquid purified Ig fraction (> 95% by SDS-PAGE) Preservative: 15 mM Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	milk fat globule-EGF factor 8 protein



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**Database Link:** [Entrez Gene 4240 Human Q08431](#)

**Background:** Human Milk Fat Globule 1 (MFG1) is a membrane protein present on normal human breast epithelial cells and cell lines derived from breast carcinomas. Human MFG1 is also localised on the surface of the human milk fat globule. HMFG1 is a differentiation marker and specific breast epithelial marker in normal and neoplastic mammary development. MFG1 Binds specifically to rotavirus and inhibits its replication.

**Synonyms:** MFGE8, Milk fat globule-EGF factor 8, HMFG, Breast epithelial antigen BA46, MFGM