

## Product datasheet for **TA503704AM**

### **FAM119A (METTL21A) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2G7]**

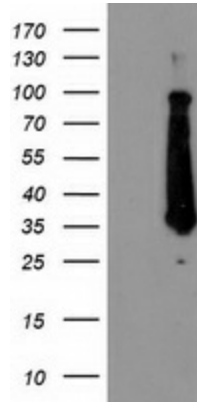
#### **Product data:**

|                                |                                                                                                                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type:</b>           | Primary Antibodies                                                                                                                                                                |
| <b>Clone Name:</b>             | OTI2G7                                                                                                                                                                            |
| <b>Applications:</b>           | FC, IHC, WB                                                                                                                                                                       |
| <b>Recommended Dilution:</b>   | WB 1:2000, IHC 1:150, FLOW 1:100                                                                                                                                                  |
| <b>Reactivity:</b>             | Human, Mouse, Rat                                                                                                                                                                 |
| <b>Host:</b>                   | Mouse                                                                                                                                                                             |
| <b>Isotype:</b>                | IgG2b                                                                                                                                                                             |
| <b>Clonality:</b>              | Monoclonal                                                                                                                                                                        |
| <b>Immunogen:</b>              | Full length human recombinant protein of human FAM119A(NP_660323) produced in HEK293T cell.                                                                                       |
| <b>Formulation:</b>            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.                                                                                                              |
| <b>Concentration:</b>          | 0.5 mg/ml                                                                                                                                                                         |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)                                                                         |
| <b>Conjugation:</b>            | Biotin                                                                                                                                                                            |
| <b>Storage:</b>                | Store at -20°C as received.                                                                                                                                                       |
| <b>Stability:</b>              | Stable for 12 months from date of receipt.                                                                                                                                        |
| <b>Predicted Protein Size:</b> | 24.4 kDa                                                                                                                                                                          |
| <b>Gene Name:</b>              | methyltransferase 21A, HSPA lysine                                                                                                                                                |
| <b>Database Link:</b>          | <a href="#">NP_660323</a><br><a href="#">Entrez Gene 67099 Mouse</a> <a href="#">Entrez Gene 102553119 Rat</a> <a href="#">Entrez Gene 151194 Human</a><br><a href="#">Q8WXB1</a> |
| <b>Synonyms:</b>               | FAM119A; HCA557b; HSPA-KMT                                                                                                                                                        |

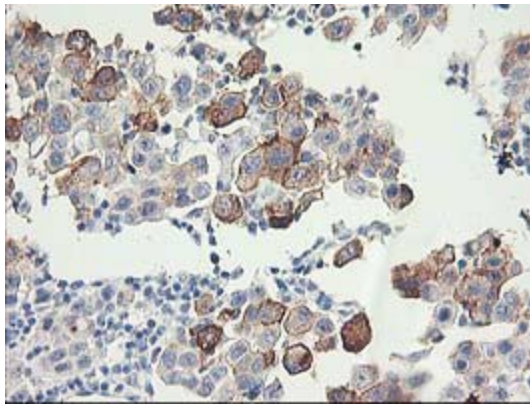


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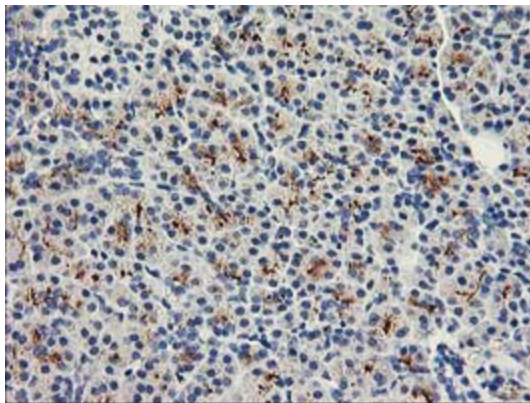
**Product images:**



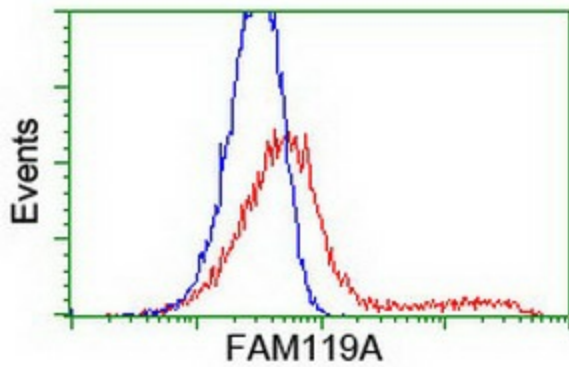
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FAM119A (Cat# [RC207629], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FAM119A (Cat# [TA503704]). Positive lysates [LY408004] (100ug) and [LC408004] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-FAM119A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503704])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-FAM119A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503704])



HEK293T cells transfected with either [RC207629] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-FAM119A antibody ([TA503704]), and then analyzed by flow cytometry.