

## Product datasheet for **TA805968AM**

### Gemin 8 (GEMIN8) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4F8]

#### Product data:

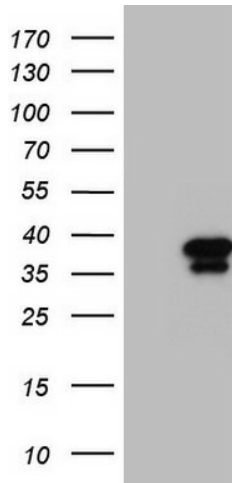
Product Type:	Primary Antibodies
Clone Name:	OTI4F8
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human GEMIN8 (NP_060326) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28.5 kDa
Gene Name:	gem nuclear organelle associated protein 8
Database Link:	<a href="#">NP_060326</a> <a href="#">Entrez Gene 54960 Human</a> <a href="#">Q9NWZ8</a>
Background:	The protein encoded by this gene is part of the SMN complex, which is necessary for spliceosomal snRNP assembly in the cytoplasm and pre-mRNA splicing in the nucleus. The encoded protein binds to both SMN1 and the GEMIN6/GEMIN7 heterodimer, mediating their interaction. This protein is found in nuclear Gemini of Cajal bodies (gems) and in the cytoplasm. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, May 2010]



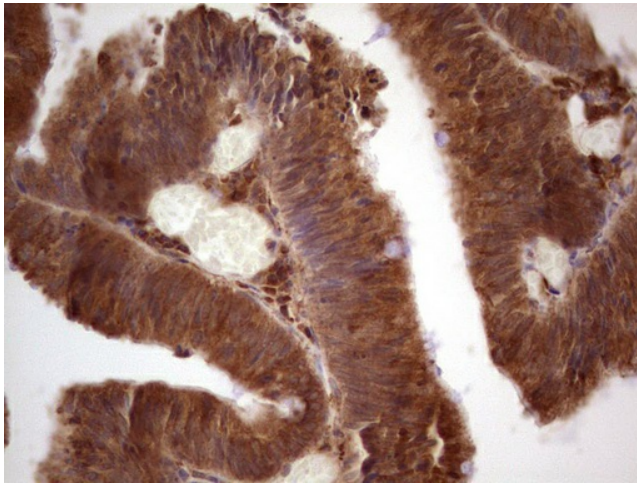
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Synonyms: FAM51A1

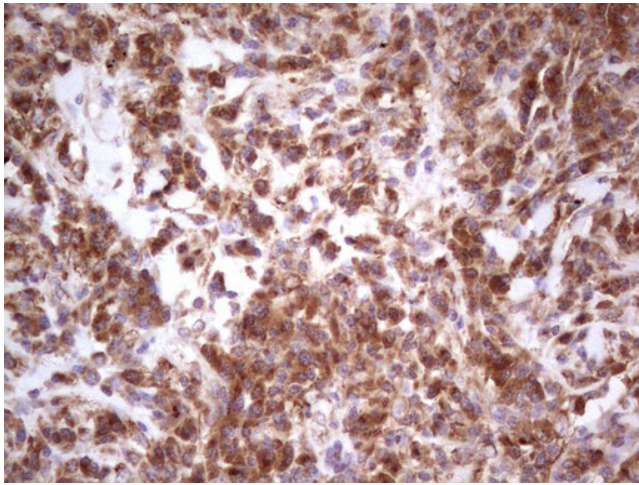
**Product images:**



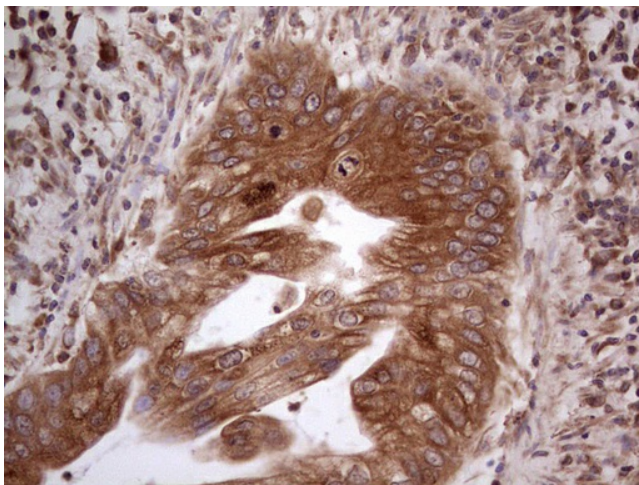
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GEMIN8 ([RC213444], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GEMIN8. Positive lysates [LY413420] (100ug) and [LC413420] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-GEMIN8 mouse monoclonal antibody. ([TA805968]; heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-GEMIN8 mouse monoclonal antibody. (TA805968); heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-GEMIN8 mouse monoclonal antibody. (TA805968); heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min)