

## Product datasheet for **TA384460**

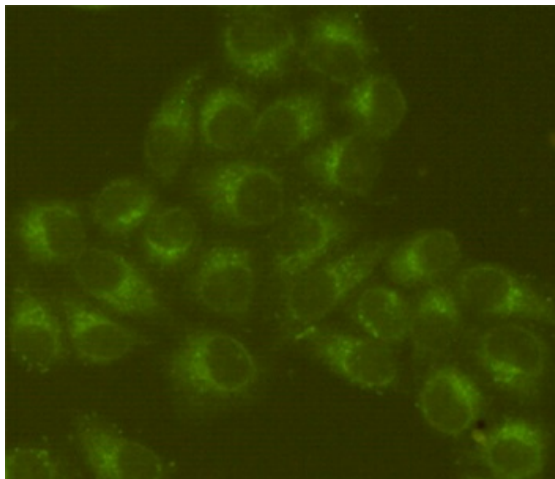
### GRP78 (HSPA5) Mouse Monoclonal Antibody [Clone ID: 4F11-D5-C10]

#### Product data:

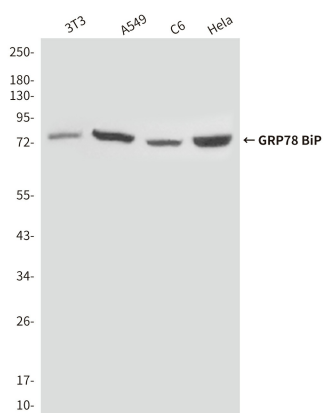
Product Type:	Primary Antibodies
Clone Name:	4F11-D5-C10
Applications:	IF, IP, WB
Recommended Dilution:	WB: 1/1000 ICC: 1/200 IP: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Purified recombinant human BiP/GRP78 protein expressed in E.coli.
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% Proclin 300, pH 7.3.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	78kDa
Gene Name:	heat shock protein family A (Hsp70) member 5
Database Link:	<a href="#">Entrez Gene 3309 Human P11021</a>
Background:	Swiss-Prot Acc.P11021.Probably plays a role in facilitating the assembly of multimeric protein complexes inside the endoplasmic reticulum. Involved in the correct folding of proteins and degradation of misfolded proteins via its interaction with DNAJC10, probably to facilitate the release of DNAJC10 from its substrate.
Synonyms:	BiP; FLJ26106; GRP78; MIF2



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**Product images:**

Immunofluorescent analysis of HeLa cells fixed by anhydrous methanol at -20°C and using BiP/GRP78 mouse mAb (dilution 1:200).



Western blot analysis of GRP78 BiP (4F11) in 3T3, A549, C6 and HeLa lysates using BiP/GRP78 antibody.