

Anti-Fam221a antibody (1-292 aa) (STJ11106613)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

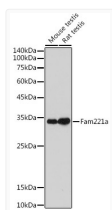
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 33kDa Observed Mw: 33kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	231946
Gene Symbol	Fam221a
UniProt ID	F221A_MOUSE
Immunogen Region	1-292 aa
Immunogen Sequence	MERLTLPGGAEAVDEYLEY RRIVGEDDGGKLFTEEYEE YKKKVLPMRLQNRLFVSWRS PTGMDCKLVGPETLCFCFTHR YKQHKTDFTIPQQRPIALP CRVSGCRCKAYHYVPLNGTQ PIRCRCKHFADQHSALGFT CNACSKCSGFHSCYTACGQ PAYAHDTVETRQERLAQGG PVGRDVPYAAMGGLTGFSSL AEGYMRLDDSGIGAPSVEVL DSAVSAMDHPFLRAMHAPS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-292 of mouse Fam221a (NP_766315.1).

ADDITIONAL INFORMATION

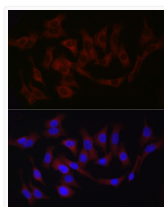
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



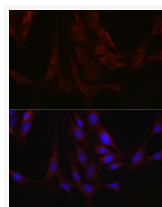
Western blot analysis of various lysates using Fam221a Rabbit pAb (STJ11106613) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 10s.



Immunofluorescence analysis of A-549 cells using Fam221a Rabbit pAb (STJ11106613) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using Fam221a Rabbit pAb (STJ11106613) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.