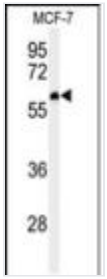
FA20A Antibody – Rabbit Polyclonal

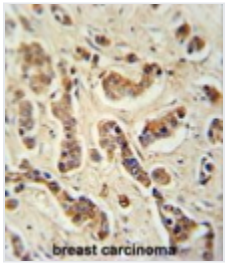
PRODUCT OVERVIEW

Product Name	FA20A, Polyclonal Antibody
Full Product Name	FA20A, NT (FAM20A, Protein FAM20A) (FITC)
Product Gene Name	anti-FA20A antibody
Product Synonym Gene Name	FAM20A
Product Synonym Names	FAM20A; Protein FAM20A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FA20A.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	61kDa
OMIM	611062
3D Structure	ModBase 3D Structure for Q96MK3
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 48-77 in the N-terminal region of human FA20A, UniProt Accession #Q96MK3.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-FA20A antibody	Antibodies; FAM
Applications Tested/Suitable for anti-FA20A antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-FA20A antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-FA20A antibody	MBS6297452 is an antibody targeting FA20A. Also known as FA20A, NT (FAM20A, Protein FAM20A) (FITC). Reactive in Human. Host: Rabbit.

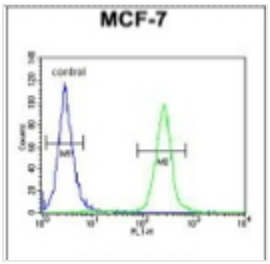
Product References and Citations for anti-FA20A antibody	Nalbant, D., et al. BMC Genomics 6 (1), 11 (2005).
Other Notes	Small volumes of anti-FA20A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-FA20A antibody
Western blot analysis of MCF-7 cell line lysates (35ug/lane) usingMBS6003914. FA20A (arrow) was detected using the purified Pab.



Immunohistochemistry (IHC) of anti-FA20A antibody
Immunohistochemistry analysis of formalin fixed and paraffin embedded human breast carcinoma tissue using MBS6003914 followed by peroxidase conjugation of the secondary antibody and DAB staining.



Flow Cytometry (FC/FACS) of anti-FA20A antibody
Flow Cytometry analysis of MCF-7 cells (right histogram) using MBS6003914 compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FA20A. It may not necessarily be applicable to this product.

NCBI GI #	241896898
NCBI GeneID	54757
NCBI Accession #	NP_060035
UniProt Primary Accession #	Q96MK3
UniProt Related Accession #	Q96MK3
GenBank Nucleotide #	NM_017565
NCBI Official Full Name	pseudokinase FAM20A isoform a
NCBI Official Synonym Full Names	FAM20A golgi associated secretory pathway pseudokinase
NCBI Official Symbol	FAM20A
NCBI Official Synonym Symbols	AI1G; AIGFS; FP2747
UniProt Protein Name	Protein FAM20A
UniProt Gene Name	FAM20A
UniProt Entry Name	FA20A_HUMAN
NCBI Protein Information	pseudokinase FAM20A

NCBI Summary for FA20A	This locus encodes a protein that is likely secreted and may function in hematopoiesis. A mutation at this locus has been associated with amelogenesis imperfecta and gingival hyperplasia syndrome. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Aug 2011]
Research Articles on FA20A	**1.** three patients with homozygous or compound heterozygous mutations in FAM20A and findings that extend the phenotypic spectrum of this disorder, showing that protein truncation is associated with greater clinical severity.
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