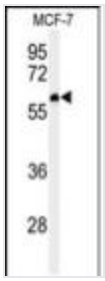
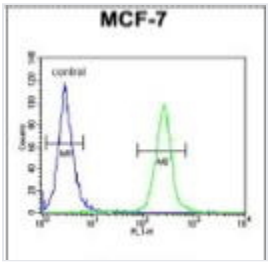
# FA20A Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

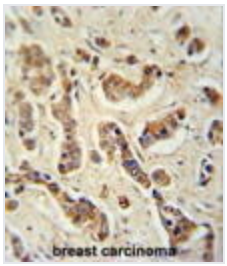
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| **Product Name** | FA20A, Polyclonal Antibody |
| **Full Product Name** | FA20A, NT (FAM20A, Protein FAM20A) (AP) |
| **Product Gene Name** | anti-FA20A antibody |
| **Product Synonym Gene Name** | FAM20A |
| **Product Synonym Names** | FAM20A; Protein 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 Alkaline Phosphatase (AP). |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Specificity** | Recognizes human FA20A. |
| **Preparation and Storage** | Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial 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** | AP |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-FA20A antibody** | Antibodies; FAM |
| **Applications Tested/Suitable for anti-FA20A antibody** | Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB) |
| **Application Notes for anti-FA20A antibody** | IHC: 1:50-100<br>ELISA: 1:1,000<br>WB: 1:100-500<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-FA20A antibody** | MBS6297449 is an antibody targeting FA20A. Also known as FA20A, NT (FAM20A, Protein FAM20A) (AP). 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.




**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.




**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.

## ADDITIONAL DETAILS

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

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| **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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