

# Anti-Factor XIIIa F13A1 Monoclonal Antibody

Catalog # ABO14460

## Product Information

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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IF, ICC, FC                                                                                                                   |
| <b>Primary Accession</b> | <a href="#">P00488</a>                                                                                                                 |
| <b>Host</b>              | Rabbit                                                                                                                                 |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                             |
| <b>Reactivity</b>        | Human                                                                                                                                  |
| <b>Clonality</b>         | Monoclonal                                                                                                                             |
| <b>Format</b>            | Liquid                                                                                                                                 |
| <b>Description</b>       | Anti-Factor XIIIa F13A1 Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human. |

## Additional Information

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|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                         | 2162                                                                                                                                                            |
| <b>Other Names</b>                     | Coagulation factor XIII A chain, Coagulation factor XIIIa, 2.3.2.13, Protein-glutamine gamma-glutamyltransferase A chain, Transglutaminase A chain, F13A1, F13A |
| <b>Calculated MW</b>                   | 83268                                                                                                                                                           |
| <b>Application Details</b>             | WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>FC 1:50                                                                                               |
| <b>Source</b>                          | Eukaryota                                                                                                                                                       |
| <b>Contents</b>                        | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                             |
| <b>Clone Names</b><br><b>Immunogen</b> | Clone: ACGC-6<br>A synthesized peptide derived from human Factor XIIIa.                                                                                         |
| <b>Purification</b>                    | Affinity-chromatography                                                                                                                                         |
| <b>Storage</b>                         | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                      |

## Protein Information

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|-----------------|-------|
| <b>Name</b>     | F13A1 |
| <b>Synonyms</b> | F13A  |

**Function**

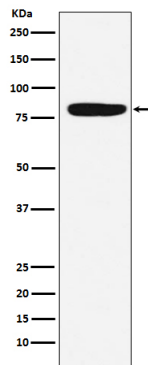
Factor XIII is activated by thrombin and calcium ion to a transglutaminase that catalyzes the formation of gamma-glutamyl- epsilon-lysine cross-links between fibrin chains, thus stabilizing the fibrin clot. Also cross-link alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin.

**Cellular Location**

Cytoplasm. Secreted. Note=Secreted into the blood plasma. Cytoplasmic in most tissues, but also secreted in the blood plasma

**Images**

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Western blot analysis of Factor XIIIa expression in human spleen lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.