

## Rabbit FXI/F11 Polyclonal Antibody | anti-F11 antibody

Anti-FXI/F11 Antibody Picoband

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                                   |
|-----------|--------|-------------------|------------------------------------------------------------------------------------------------|
| AAA126099 | Rabbit | Human, Mouse, Rat | ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot |

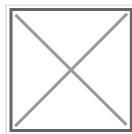
### PRODUCT SYNONYMS

FXI/F11; Polyclonal Antibody; Anti-FXI/F11 Antibody Picoband; anti-F11 antibody

### PRODUCT SPECIFICATIONS

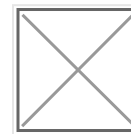
|                                               |                                                                                                                                                                                                                              |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                       |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                                                                                            |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                   |
| Isotype                                       | Rabbit IgG                                                                                                                                                                                                                   |
| Specificity                                   | Natural and recombinant Human CSF2                                                                                                                                                                                           |
| Purity/Purification                           | Immunogen affinity purified.                                                                                                                                                                                                 |
| Form/Format                                   | Lyophilized<br>Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .                                                                                                                     |
| Concentration                                 | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)                                                                                                                                    |
| Applicable Applications for anti-F11 antibody | ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                      |
| Samples                                       | Cell culture supernatants, serum and plasma (heparin, EDTA, citrate)                                                                                                                                                         |
| Detection Range                               | 15.6 pg/ml - 1,000 pg/ml                                                                                                                                                                                                     |
| Immunogen                                     | E Coli-derived human FXI/F11 recombinant protein (Position: K79-Q155).                                                                                                                                                       |
| Preparation and Storage                       | Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing. |

### IMAGES



#### FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of HepG2 cells using anti-FXI/F11 antibody (AAA126099). Overlay histogram showing HepG2 cells stained with AAA126099 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-FXI/F11 Antibody (AAA126099, 1 ug/1x10<sup>6</sup> cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10<sup>6</sup>) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



#### IF (Immunofluorescence)

Figure 2. IF analysis of FXI/F11 using anti-FXI/F11 antibody (AAA126099). FXI/F11 was detected in an immunocytochemical section of SiHa cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-FXI/F11 Antibody (AAA126099) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



**WB (Western Blot)**

Figure 1. Western blot analysis of FXI/F11 using anti-FXI/F11 antibody (AAA126099). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HCCT tissue lysates, Lane 2: human HCCP tissue lysates, Lane 3: rat liver tissue lysates, Lane 4: mouse liver tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-FXI/F11 antigen affinity purified polyclonal antibody (#AAA126099) at 0.25 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for FXI/F11 at approximately 150 kDa. The expected band size for FXI/F11 is at 70 kDa.

**ADDITIONAL INFORMATION**

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|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-F11 antibody | Background: Granulocyte-macrophage colony-stimulating factor (GM-CSF) is also symbolized CSF2. Human GM-CSF is a glycoprotein that is essential for the in vitro proliferation and differentiation of precursor cells into mature granulocytes and macrophages. The human cDNA clones contain a single openreading frame encoding a protein of 144 amino acids with a predicted molecular mass of 16,293 daltons and show 69% nucleotide homology and 54% amino acid homology to mouse GM-CSF. The gene for human GM-CSF appears to exist as a single-copy gene. Human GM-CSF is a 22,000-dalton glycoprotein that stimulates the growth of myeloid progenitor cells and acts directly on mature neutrophils. The GM-CSF gene is localized by somatic cell hybrid analysis and in situ hybridization to human chromosome region 5q21-5q32, which is involved in interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. A complementary DNA for the T lymphocyte-derived lymphokine, GM-CSF has been cloned, and recombinant GM-CSF protein has been expressed in yeast and purified to homogeneity. This purified human recombinant GM-CSF stimulates peripheral blood monocytes in vitro to become cytotoxic for the malignant melanoma cell line A375. |
| Product Categories/Family for anti-F11 antibody   | Primary Antibodies, Rabbit Polyclonal Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 4503627                                                      |
| NCBI GeneID                      | 2160                                                         |
| NCBI Accession #                 | NP_000119.1                                                  |
| NCBI GenBank Nucleotide #        | NM_000128.3                                                  |
| UniProt Accession #              | P03951; Q4W5C2; Q9Y495; D3DP64                               |
| Molecular Weight                 | 160,000                                                      |
| NCBI Official Full Name          | coagulation factor XI                                        |
| NCBI Official Synonym Full Names | coagulation factor XI                                        |
| NCBI Official Symbol             | F11                                                          |
| NCBI Official Synonym Symbols    | FXI                                                          |
| NCBI Protein Information         | coagulation factor XI; PTA; plasma thromboplastin antecedent |
| UniProt Protein Name             | Coagulation factor XI                                        |
| UniProt Gene Name                | F11                                                          |
| UniProt Synonym Gene Names       | FXI; PTA                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fixi-f11-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/126099>