## GENERAL INFORMATION

<table>
<thead>
<tr>
<th><strong>Immunogen:</strong></th>
<th>Recombinant Human F3 / Tissue factor / CD142 protein (Catalog#13133-H08H)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preparation</strong></td>
<td>This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human F3 / Tissue factor / CD142 (rh F3 / Tissue factor / CD142; Catalog#13133-H08H; P13726; Met 1-Glu 251). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.</td>
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<tr>
<td><strong>Ig Type:</strong></td>
<td>Mouse IgG2a</td>
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<td><strong>Clone ID:</strong></td>
<td>05</td>
</tr>
<tr>
<td><strong>Specificity:</strong></td>
<td>Human F3 / Tissue factor / CD142</td>
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<td><strong>Formulation:</strong></td>
<td>0.2 μm filtered solution in PBS</td>
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<tr>
<td><strong>Storage:</strong></td>
<td>This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.</td>
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<tr>
<td><strong>Alternative Names:</strong></td>
<td>CD142, coagulation factor 3, coagulation factor III, TF, TFA</td>
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</table>

## APPLICATIONS

| **Applications:** | ELISA, FCM, ICC/IF |

## RECOMMENDED CONCENTRATION

| **ICC/IF** | ICC/IF: 1:20-1:100 |
| **Flow Cytometry** | FCM: 1:25-1:100 |
| **ELISA** | ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect Human F3. |

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*
Immunofluorescence staining of Human F3 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with mouse anti-Human F3 monoclonal antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cell membrane and cytoplasm.

Flow cytometric analysis of Human F3(CD142) expression on A431 cells. Cells were stained with purified anti-Human F3(CD142), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system. Please refer to www.sinobiological.com/FlowCytometry-FACS-Protocols-a-750.html for technical protocols.