Rabbit anti-MIG7 Polyclonal Antibody
Alternate Names: Migration-inducing protein 7; MIG7, mig-7

ANTIGEN PREPARATION
A synthetic peptide corresponding to the N-terminus of human MIG-7 protein.

BACKGROUND
Migration-inducing protein 7 (MIG7 or Mig-7) is a cysteine-rich protein found in cell membranes and cytoplasm of carcinoma cells. It is a new potential marker for circulating and migrating cancer cells where it facilitates tumor cell dissemination by increasing invasion and promoting the process of vasculogenic mimicry. Mig-7 is expressed restricted in carcinoma cells, thus it has significant potential as an early marker of migrating and circulating carcinoma cells.

PURIFICATION
The Rabbit IgG is purified by Epitope Affinity Purification.

SPECIFICITY
This antibody recognizes ~23 kDa of MIG-7 protein.
This antibody also reacts with human. The other species are not tested.

APPLICATIONS/SUGGESTED WORKING DILUTIONS

<table>
<thead>
<tr>
<th>Method</th>
<th>Working Dilution</th>
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</thead>
<tbody>
<tr>
<td>Western Blot</td>
<td>0.1-1 µg/ml</td>
</tr>
<tr>
<td>ELISA</td>
<td>0.01-0.1 µg/ml</td>
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<tr>
<td>Immunoprecipitation</td>
<td>Not tested</td>
</tr>
<tr>
<td>IHC</td>
<td>2-5 µg/ml</td>
</tr>
<tr>
<td>Flow cytometry</td>
<td>Not tested</td>
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</tbody>
</table>

MOLECULAR WEIGHT: ~23 kDa
POSITIVE CONTROL: MCF-7 cells
CELLULAR LOCATION: Membrane/Cytoplasmic

Data Attachments

REFERENCES:

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