# Product datasheet

## Anti-Intrinsic Factor antibody ab262912

### Overview

<table>
<thead>
<tr>
<th>Product name</th>
<th>Anti-Intrinsic Factor antibody</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Rabbit polyclonal to Intrinsic Factor</td>
</tr>
<tr>
<td>Host species</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Tested applications</td>
<td>Suitable for: IHC-P, WB</td>
</tr>
<tr>
<td>Species reactivity</td>
<td>Reacts with: Human</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Recombinant fragment corresponding to Human Intrinsic Factor aa 198-302. Sequence:</td>
</tr>
<tr>
<td></td>
<td>LFGQVLKDIVKISMKIKDNGIIGDIYSTGLAMQALSVTPEPS</td>
</tr>
<tr>
<td></td>
<td>KKEWNCK</td>
</tr>
<tr>
<td></td>
<td>KTTDMILNEKQGKFHNPMSIAQLPSLKGKTYLDVPQVTCS</td>
</tr>
<tr>
<td></td>
<td>PDHEVOPT LPSNP</td>
</tr>
<tr>
<td>Database link</td>
<td>P27352</td>
</tr>
<tr>
<td>Positive control</td>
<td>WB: GIF over-expression HEK-293 lysate; IHC-P: Human stomach tissue.</td>
</tr>
<tr>
<td>General notes</td>
<td>Reproducibility is key to advancing scientific discovery and accelerating scientists’ next breakthrough. Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility. We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee. In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for. We are also updating the applications &amp; species that this product has been &quot;predicted to work with,&quot; however this information is not covered by our Abpromise guarantee. Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as</td>
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## 5 Images

[Run BLAST with](#) [Run BLAST with](#)

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Properties

Form
Liquid

Storage instructions

Storage buffer
pH: 7.20
Preservative: 0.02% Sodium azide
Constituents: 40% Glycerol (glycerin, glycerine), PBS

Purity
Immunogen affinity purified

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab262912 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>IHC-P</td>
<td>1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
<td></td>
</tr>
<tr>
<td>WB</td>
<td>Use a concentration of 0.4 µg/ml.</td>
<td></td>
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</table>

Target

Relevance
Intrinsic factor promotes absorption of the essential vitamin Cobalamin (Cbl) in the ileum by specific receptor mediated endocytosis. Defects in the gene GIF are the cause of hereditary intrinsic factor deficiency (IFD) also called congenital pernicious anemia. IFD is an autosomal recessive disorder characterized by megaloblastic anemia.

Cellular localization
Secreted

Images

...
**Western blot - Anti-Intrinsic Factor antibody (ab262912)**

**All lanes**: Anti-Intrinsic Factor antibody (ab262912) at 0.4 µg/ml

**Lane 1**: Vector-only transfected HEK-293 cell lysate

**Lane 2**: GIF overexpressing HEK-293 cell lysate

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**Paraffin-embedded Human stomach tissue stained for Intrinsic Factor using ab262912 at 1/50 dilution in immunohistochemical analysis.**
Paraffin-embedded Human skin tissue stained for Intrinsic Factor using ab262912 at 1/50 dilution in immunohistochemical analysis.

Paraffin-embedded Human kidney tissue stained for Intrinsic Factor using ab262912 at 1/50 dilution in immunohistochemical analysis.
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Intrinsic Factor antibody (ab262912)

Paraffin-embedded Human liver tissue stained for Intrinsic Factor using ab262912 at 1/50 dilution in immunohistochemical analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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