

## Product datasheet

# Anti-Macrophage Inflammatory Protein 3 alpha antibody (HRP) ab106030

### Overview

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<b>Product name</b>	Anti-Macrophage Inflammatory Protein 3 alpha antibody (HRP)
<b>Description</b>	Rabbit polyclonal to Macrophage Inflammatory Protein 3 alpha (HRP)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	HRP
<b>Specificity</b>	ab106030 will recognize both native and recombinant Human Macrophage Inflammatory Protein 3 alpha in cell supernatants and certain body fluids.
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length Human Macrophage Inflammatory Protein 3 alpha.
<b>General notes</b>	Do NOT add Sodium Azide!

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Gentamicin sulphate Constituents: 0.42% Potassium phosphate, 1% BSA, 0.88% Sodium chloride
<b>Purity</b>	BSA - Immunoglobulin and Protease free Protein A purified
<b>Purification notes</b>	ab106030 has been heated to 56°C for 30 minutes.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab106030** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/5000. Detects a band of approximately 11 kDa (predicted molecular weight: 11 kDa).
ELISA		1/10000 - 1/50000.

## Target

<b>Function</b>	Chemotactic factor that attracts lymphocytes and, slightly, neutrophils, but not monocytes. Inhibits proliferation of myeloid progenitors in colony formation assays. May be involved in formation and function of the mucosal lymphoid tissues by attracting lymphocytes and dendritic cells towards epithelial cells. C-terminal processed forms have been shown to be equally chemotactically active for leukocytes. Possesses antibacterial activity E.coli ATCC 25922 and S.aureus ATCC 29213.
<b>Tissue specificity</b>	Expressed predominantly in the liver, lymph nodes, appendix, peripheral blood lymphocytes, and fetal lung. Low levels seen in thymus, prostate, testis, small intestine and colon.
<b>Sequence similarities</b>	Belongs to the intercrine beta (chemokine CC) family.
<b>Post-translational modifications</b>	C-terminal processed forms which lack 1, 3 or 6 amino acids are produced by proteolytic cleavage after secretion from peripheral blood monocytes.
<b>Cellular localization</b>	Secreted.

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