

Product datasheet

Anti-Attractin antibody [9H8] ab50864

1 Image

Overview

<b>Product name</b>	Anti-Attractin antibody [9H8]
<b>Description</b>	Mouse monoclonal [9H8] to Attractin
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Protein purified from Human plasma
<b>Positive control</b>	Human Plasma

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	Preservative: None Constituents: 50% Glycerol, PBS
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	9H8
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab50864** 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
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WB

IP

<b>Application notes</b>	IP: Use 1-2ug for 400ul lysate.
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WB: 1/1000. Predicted molecular weight: 158 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

### Function

Involved in the initial immune cell clustering during inflammatory response and may regulate chemotactic activity of chemokines. May play a role in melanocortin signaling pathways that regulate energy homeostasis and hair color. Low-affinity receptor for agouti (By similarity). Has a critical role in normal myelination in the central nervous system.

### Tissue specificity

Isoform 2 is detected in plasma (at protein level). Expressed and secreted by activated T lymphocytes. Expressed at low to moderate levels in peripheral blood leukocytes, spleen, lymph node, tonsil, bone marrow and fetal liver. At very low levels found in thymus. Isoform 2 is the major isoform in peripheral blood leukocytes.

### Sequence similarities

Contains 1 C-type lectin domain.  
Contains 1 CUB domain.  
Contains 1 EGF-like domain.  
Contains 6 Kelch repeats.  
Contains 2 laminin EGF-like domains.  
Contains 4 PSI domains.

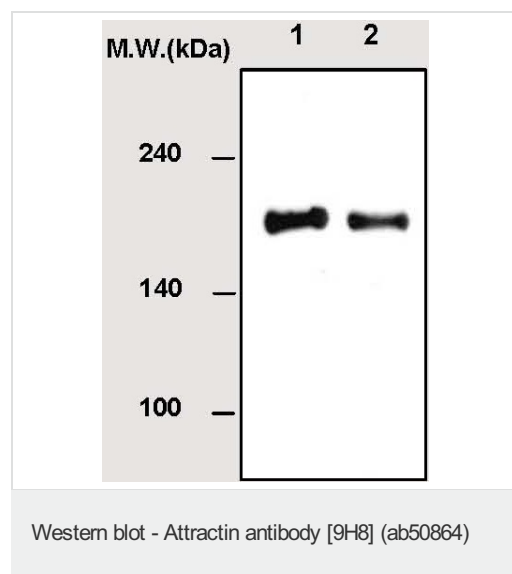
### Post-translational modifications

Heavily glycosylated.

### Cellular localization

Secreted and Cell membrane.

## Images



**All lanes :** Anti-Attractin antibody [9H8]  
(ab50864) at 1/1000 dilution

**Lane 1 :** Attractin isolated from human plasma

**Lane 2 :** Human plasma

**Predicted band size:** 158 kDa

**Observed band size:** 190 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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