

## Product datasheet

# Goat Anti-Chicken IgM mu chain (25nm Gold) ab41509

### Overview

<b>Product name</b>	Goat Anti-Chicken IgM mu chain (25nm Gold)
<b>Host species</b>	Goat
<b>Target species</b>	Chicken
<b>Specificity</b>	Reacts with mouse IgM gamma chain
<b>Tested applications</b>	<b>Suitable for:</b> Electron Microscopy
<b>Immunogen</b>	Other Immunogen Type corresponding to Mouse IgM.
<b>Conjugation</b>	Gold 25nm

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.097% Sodium azide Constituents: PBS, 1% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	This product has been immuno-affinity purified and immuno cross-absorbed to reduce non-specific reactions. The activity of each lot is determined using a dot-spot test system [Moeremans et al., J. Immunol., Methods 74, (1984), 353.]
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>General notes</b>	This product is an immunogold reagent built around colloidal gold particles of 6nm. The particle population is monodisperse and thus shows minimal size variation and overlap. Typically, the coefficient of variance for the 6nm particle size conjugate is less than 12%.

### Applications

Our [Abpromise guarantee](#) covers the use of **ab41509** 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
Electron Microscopy		

## Application notes

Electron Microscopy: 1/20.

The method of production of this product allows the small particle size of 6nm to be used instead of 5nm with the same sensitivity but increased visibility in the standard transmission electron microscope (See also van Bergen en Henegouwen and Leunissen, Histochemistry, 85,(1986), 81.)

Light Microscopy: Use at an assay dependent dilution.

Not yet tested in other applications.

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

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

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors