

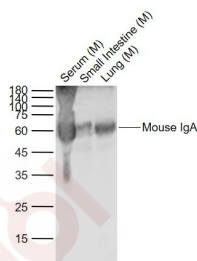
## Anti-Mouse IgA Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse
Molecular Weight:	Theoretical: 55 kDa. Actual: 60 kDa.
Purification:	Affinity purified by Protein A from plasma

## Applications

Verified Activity:	Sample:
	Lane 1: Serum (Mouse) at 40 µg
	Lane 2: Small intestine (Mouse) Lysate at 40 µg
	Lane 3: Lung (Mouse) Lysate at 40 µg
	Primary: Anti-Mouse IgA (TMAB-01162) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 55 kDa
	Observed band size: 60 kDa



Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Mouse IgA protein purified from serum
Antigen Species:	Mouse
Uniprot ID:	P01878
Synonyms:	Immunoglobulin heavy constant alpha;Ig heavy constant alpha 1;IGHA1;Ig alpha 1;A2m marker;Igh2;Ig alpha chain C region;MGC102857;Ig Am1;IGHA 2;Ig heavy chain 2;IGHA2;Ig Am2;IGHA 1
Biology Area:	IgA

## Research Background

Monomeric IgA constitutes 5-15 % of the serum immunoglobulins whereas dimeric IgA is localized to mucosa

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surfaces such as saliva, gastrointestinal secretion, bronchial fluids and milk. Mucosal IgA plays a major role in host defence by neutralising infectious agents at mucosal surfaces. The production is usually local and antigen specific IgA producing B-cells can be found in regions under the lamina propria where they mature into dimeric IgA producing plasma cells. IgA deficiency is the most common immunodeficiency that may affect both serum and mucosal produced IgA.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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