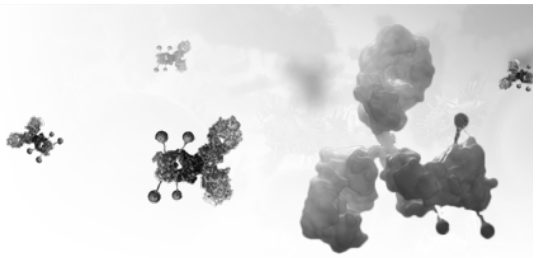

Rabbit Anti-Human IgA monoclonal antibody, clone KN21-53 (CABT-BL8591)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	IgA
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	KN21-53
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP
Molecular Weight	60 kDa
Cellular Localization	Secreted.
Positive Control	HepG2, human plasma tissue, human tonsil tissue, human spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Immunoglobulins are four-chain, Y-shaped, monomeric structures comprised of two identical heavy chains and two identical light chains held together through interchain disulfide bonds. The chains form two domains, the Fab (antigen binding) fragment and the Fc (constant) fragment. Immunoglobulin A (IgA) is the main protein of the mucosal immune system. It is generated by B cells in gut-associated lymphoid tissues. Daily production of IgA exceeds that of any of the other immunoglobulins. The IgA heavy chain is an α-chain, and the light chains are either κ- or λ- chains. IgA exists mainly in dimers but can also exist as polymers or as monomers. Dimers and polymers contain a joining (J) chain that can be bound by the polymeric immunoglobulin receptor (pIgR) for transportation of the molecule to mucosal surfaces.
Keywords	Hepatocellular carcinoma-associated protein TB6;Ig alpha 1 chain C region;Ig alpha 2 chain C region;IGHA;IGHA1;IGHA2;Immunoglobulin heavy constant alpha 1;Immunoglobulin heavy constant alpha 2 A2m marker;Immunoglobulin heavy constant alpha 2;PIgR;Poly-Ig receptor;polymeric immunoglobulin receptor;polymeric immunoglobulin receptor Secretory component antibody

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221