

Product datasheet

Anti-Lactoferrin antibody ab112968

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Overview

Product name	Anti-Lactoferrin antibody
Description	Goat polyclonal to Lactoferrin
Host species	Goat
Species reactivity	Reacts with: Cow
Immunogen	Immunogen is purified lactoferrin of bovine milk origin
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 6.8</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 99% PBS</p>

Purity	Immunogen affinity purified
Purification notes	Antiserum was solid phase adsorbed to ensure specificity. ab112968 was isolated by affinity chromatography using antigen coupled to agarose beads.
Clonality	Polyclonal
Isotype	IgG
Target	
Function	<p>Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate.</p> <p>Lactotransferrin has antimicrobial activity which depends on the extracellular cation concentration. Lactoferrins A, B and C have opioid antagonist activity. Lactoferrin A shows preference for mu-receptors, while lactoferrin B and C have somewhat higher degrees of preference for kappa-receptors than for mu-receptors.</p> <p>The lactotransferrin transferrin-like domain 1 functions as a serine protease of the peptidase S60 family that cuts arginine rich regions. This function contributes to the antimicrobial activity.</p>
Sequence similarities	<p>Belongs to the transferrin family.</p> <p>Contains 2 transferrin-like domains.</p>
Cellular localization	Secreted.

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