

Product datasheet

Anti-Cathepsin G antibody ab8816

2 References

Overview

Product name	Anti-Cathepsin G antibody
Description	Sheep polyclonal to Cathepsin G
Host species	Sheep
Specificity	This product gives a single arc when tested by IEP and 2D-IEP against human Cathepsin G. Identity is confirmed by double diffusion (Ouchterlony) versus human Cathepsin G and a known anti-human Cathepsin G.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Human Cathepsin G purified from human neutrophils. Greater than 95% pure by SDS-PAGE.

Properties

Form	Liquid
Storage instructions	Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Glycine buffered saline pH7.4, 0.1% Sodium Azide, 0.1% EACA, 0.01% Benzamidine, 1mM EDTA
Purity	IgG fraction
Clonality	Polyclonal
Myeloma	unknown
Isotype	IgG
Light chain type	unknown

Applications

Our [Abpromise guarantee](#) covers the use of **ab8816** 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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Application	Abreviews	Notes
WB		1/500. Suitability for use in nephelometry, immunohistochemical procedures and enzyme-linked immunosorbent assays has not been assessed but use in such assays should not necessarily be excluded.

Target

Function	Serine protease with trypsin- and chymotrypsin-like specificity. Cleaves complement C3. Has antibacterial activity against the Gram-negative bacterium P.aeruginosa, antibacterial activity is inhibited by LPS from P.aeruginosa, Z-Gly-Leu-Phe-CH ₂ Cl and phenylmethylsulfonyl fluoride.
Sequence similarities	Belongs to the peptidase S1 family. Contains 1 peptidase S1 domain.
Cellular localization	Cell surface.

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