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Datasheet for ABIN4999062

anti-Casein antibody (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	Casein (CASA)
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Casein antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Casein protein from bovine milk
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse
Predicted Reactivity:	Cow
Purification:	Purified by Protein A.

Target Details

Target:	Casein (CASA)
Alternative Name:	Casein (CASA Products)
Background:	Synonyms: NULL

Target Details

Background: Casein is the name for a family of related phosphoproteins. These proteins are commonly found in mammalian milk, making up 80% of the proteins in cow milk and between 20% and 45% of the proteins in human milk. Casein has a wide variety of uses, from being a major component of cheese, to use as a food additive, to a binder for safety matches. As a food source, casein supplies amino acids; carbohydrates; and two inorganic elements, calcium and phosphorus. Casein from bovine milk is a phosphoprotein. There are four main types of casein which make up approximately 80% of the total protein in bovine milk: α -s1 casein, α -s2 casein, β -casein, and κ -casein. Casein is proposed to be the main protective constituent in milk.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μ g/ μ L
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Storage:	-20 $^{\circ}$ C
Storage Comment:	Store at -20 $^{\circ}$ C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months