



[Go to Product page](#)

Datasheet for ABIN728523  
**anti-Casein antibody (Cy5.5)**

### Overview

Quantity:	100 µL
Target:	Casein (CASA)
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Casein antibody is conjugated to Cy5.5
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 ( <a href="#">CASA Products</a> )
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:  $\alpha$ -s1 casein,  $\alpha$ -s2 casein,  $\beta$ -casein, and  $\kappa$ -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  $\mu$ g/ $\mu$ L

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months