



## Mouse Anti-Sheep IgG Fraction Monoclonal Antibody, clone 288 (CABT-Z368M)

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

### PRODUCT INFORMATION

<b>Specificity</b>	This antibody reacts with the light chains on sheep IgG and with those common to other sheep immunoglobulins. The antibody does not react with the heavy chain of sheep IgG. Minimal cross reactivity with Bovine, Horse, Human, Mouse, Rabbit, Rat immunoglobulins.
<b>Immunogen</b>	Sheep IgG light chains
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Sheep
<b>Clone</b>	288
<b>Purification</b>	Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6
<b>Preservative</b>	None
<b>Storage</b>	Store at 2-8°C under sterile conditions. Prepare working dilution on day of use.

## BACKGROUND

**Introduction**

IgG is the main type of antibody in human serum, secreted by the B cells. It is found in blood. IgG consists of four polypeptide chains, made of two identical 50 kDa  $\gamma$  heavy (H) chains and two identical 25 kDa  $\kappa$  or  $\lambda$  light (L) chains, which are linked by inter-chain disulfide bonds. IgG contains four isotypes IgG1, IgG2, IgG3 and IgG4.

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**Keywords**

Ig gamma 1 chain C region;Immunoglobulin heavy constant gamma 1;Immunoglobulin G;IgG;IgG heavy chain;Immunoglobulin G heavy chain

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