

## Anti-β2-Microglobulin (caiman)

CAT. NO. KSK 003-01

### OVERVIEW

<b>Product Name</b>	Anti-β2-Microglobulin (caiman)	<b>Conjugation</b>	Unconjugated
<b>Description</b>	Mouse monoclonal antibody	<b>Host</b>	Mouse
<b>Isotype</b>	IgG1/k	<b>Clone</b>	9-E10-C6
<b>Tested Applications</b>	WB, IP, AP, FC		

### SPECIFICITY

<b>Specificity</b>	KSK 003-01 reacts with free as well as MHC class I associated β2M Reacts with a non-polymorphic epitope on caiman β2M		
<b>Immunogen</b>	Recombinant caiman β2M	<b>Gene ID</b>	-
<b>Target</b>	β-2 microglobulin (β2M) is a 12-14 kDa subunit of the major histocompatibility complex (MHC) class I. β2M is a non-polymorphic molecule and is not involved in peptide binding but is essential for MHC assembly. β2M is also found in free form in the plasma. MHC class I is expressed on most nucleated cells in the caiman, including the red blood cells.		
<b>Species Reactivity</b> <b>POSITIVE</b>	Caiman	<b>Species Reactivity</b> <b>NEGATIVE</b>	Not determined

### PROPERTIES

<b>Form</b>	Liquid	<b>Unit Size</b>	0,4 mL and 1 mL
<b>Concentration</b>	1 mg/mL ±15%, See CoA for lot details		
<b>Purification</b>	Protein A or Protein G purified	<b>Purification Notes</b>	BSA free
<b>Storage buffer</b>	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
<b>Storage condition</b>	2-8°C without exposure to light		
<b>Safety</b>	Wear protective clothing		

### TESTED APPLICATIONS

<b>WB</b>	KSK 003-01 is suitable for Western blotting.
<b>IP</b>	KSK 003-01 is suitable for immunoprecipitation.
<b>AP</b>	AP: KSK 003-01 is suitable for affinity purification.
<b>FC</b>	KSK 003-01 is suitable for flow cytometry.

### SCIENTIFIC REFERENCES

N/A

#### CONDITIONS

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