

Anti- β_2 -Microglobulin (caiman)**Mouse monoclonal antibody**

CAT. NO.

KSK 003-01

Subclass: IgG1/k

Clone: 9-E10-C6

SPECIFICITY	KSK 003-01 reacts with free as well as MHC class I associated β_2 -microglobulin.
IMMUNOGEN	Recombinant caiman β_2 -microglobulin
TESTED APPLICATIONS	WB, FC, IP AP
SPECIES REACTIVITY (POSITIVE)	Caiman
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	Reacts with a non-polymorphic epitope on caiman β_2 -microglobulin.

PRESENTATION

Content:	Available in 400 μ L and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

APPLICATION

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

TARGET

β_2 -microglobulin (β_2 M) is a 12-14 kDa subunit of the major histocompatibility complex (MHC) class I. β_2 M is a non-polymorphic molecule and is not involved in peptide binding but is essential for MHC assembly. β_2 M 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.

REFERENCES

CONDITIONS

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