SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0042-200	400 µg
AB0042-500	1 mg

Anti-UIS4

Source: Goat

General description: Goat polyclonal antibody to UIS4. UIS4 protein is expressed throughout liver stage development and localizes to the parasite vacuole (parasitophorous vacuole membrane).

Alternative names: N/A

Form: Polyclonal antibody supplied as a 200 or 500 µl (2 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 80 aa to the C-terminus of UIS4 produced in E. coli.

Specificity: Detects UIS4 in Plasmodium berghei

Reactivity: Reacts with Plasmodium proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Plasmodium	ND	ND	ND	+++	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

IF: 1:250-1:1,000

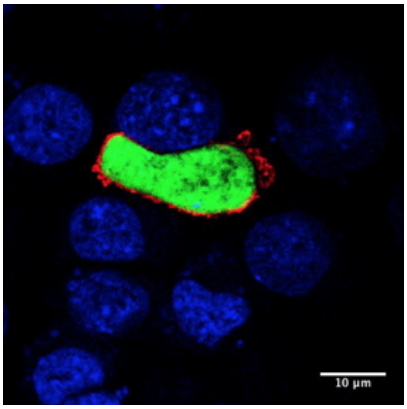
Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..

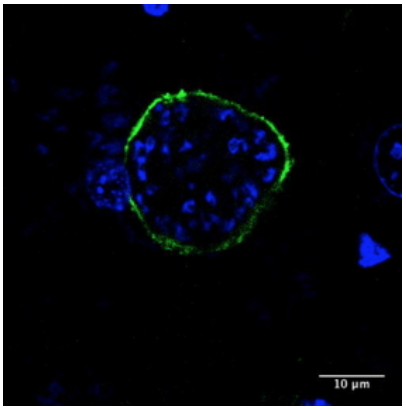
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UIS4 liver section: 50 µM liver sections of a B6 mice infected with Plasmodium Berghei ANKA parasites (44 hours post infection), stained with anti-UIS4 (1:500 in red) followed by Alexa anti goat 568 (1:400) and nuclei (blue);



UIS4 liver section: 50 µM liver sections of a B6 mice infected with Plasmodium Berghei parasites, stained with anti-UIS4 (1:500) followed by Alexa anti-goat 466 (1:400) and nuclei (blue);

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.