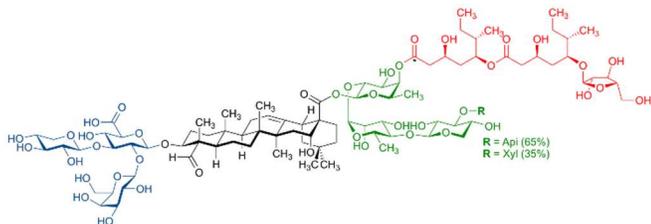


QS-21 antibody

Cat # QS21-S

Rabbit anti QS-21(Quillaja Saponaria) antibody

SIZE: 100 µl



QS-21 is a purified plant extract that enhances the ability of the immune system to respond to vaccine antigens. It is derived from the Soap bark tree (*Quillaja saponaria*), which is native to the country of Chile.

The extract contains water soluble triterpene glucoside compounds, which are members of a family of plant-based compounds called saponins.

QS-21 Stimulon activates key components of the immune system including cellular (T cell mediated) and humoral (antibody mediated) immunity. Both of these components of the immune system are often necessary to enable the body to heal or protect itself. Stimulon has been studied in over 120 clinical trials involving approximately 50,000 patients during nearly 15 years of development. QS-21 Stimulon is currently a key adjuvant component in 20 clinical development programs of Agenus, GSK and J&J.

Source of Antigen and Antibodies

Host: Rabbit

Clonality: Polyclonal

Immunogen: KLH conjugated QS-21

Purification: N/A

Form & Storage of Antibodies

Whole sera

Volume: 100 µl

Supplied as neat sera with <0.1% sodium azide

Storage:

Short-term: 4°C for 3 months

Long-term: at -20°C or below in suitable aliquots after reconstitution for 1 year. Do not expose to multiple free/thaw cycles or store working, diluted solutions. Glycerol may be added to a final concentration of 50% and antibodies can be stored un-aliquoted at -20°C.

Recommended Usage

ELISA: Assay dependent concentration. Recommended starting dilution of >1:100,000k. In an indirect competitive ELISA, a sensitivity of ~1 ng/ml and EC50 of 1 µg/ml was achieved using a BSA-conjugated QS-21.

RIA: Assay dependent concentration

The above concentrations are a *suggestion*, user's must optimize their assay based on their own conditions. The antibody may work in other applications.

****This product is for In vitro research use only.***

Related materials available from ADI

Catalog#	Description	SIZE
AV-4010-5	QS-21 (<i>Quillaja saponaria</i>), Vaccine adjuvant, (EU GMP grade) >95%	5 mg
QS21-S		190712IA