

# WE AIM TO MAKE LIFE EASIER FOR RESEARCHERS SO THEY CAN MAKE LIFE CHANGING DISCOVERIES

**WE PRODUCE RECOMBINANT ALPACA ANTIBODIES (AFROBODS™) TO SUPPLY THE LOCAL AND GLOBAL LIFE SCIENCES, DIAGNOSTICS AND THERAPEUTICS MARKETS.**

The **recombinant method** used in producing our antibodies means we can keep consistency between the first vial and the 1 million<sup>th</sup> vial. It's also a **more ethical** production process where the alpacas are not harmed.

We can also provide customers with **ug, mg or gram quantities** of our antibody with and a **wide variety of tags** such as HRP, Fluorophores, biotin etc. Which can be included.

**WE USE ALPACAS TO PRODUCE ANTIBODIES (COMMONLY KNOWN AS NANOBODIES) BECAUSE THEY ARE:**

- **Smaller** – 10 times smaller thus more sensitive tests can be developed
- **Heat stable** - can be transported and stored at room temperature
- **Easily produced** in the laboratory - large scale production possible in bacteria
- **Easily modified** for specific customer needs in each of our target sectors



## AVAILABLE PRODUCTS:

**1 Anti human IGA antibody**

- We developed a recombinant alpaca antibody for detection of Human Immunoglobulin A or HIGA for short. We validated it against purified HIGA from other companies. It has also been tested against Human immunoglobulin G and M and found to be not reactive against these.

human immunoglobulin M (HIGM for short) and our antibody would enable researchers around the world to be able to detect this very informative molecule.

**2 Anti Rabbit IGG antibody**

- We developed a recombinant alpaca antibody for detection of Rabbit IGG. It has been tested and found to be not cross reactive with mouse IGG or Human IGG.

**4 Anti Flag Tag antibody** - Scientists around the world often add tags to their proteins of interest in order to study or purify them. One of the most commonly used tags by researchers around the world is one called FLAG. We developed a high-quality recombinant alpaca antibody for the flag tag.

**3 Anti HIGM antibody**

- Being able to measure your immune systems' early response to infection is important. Part of that early immune response is done by

**5 Anti His Tag antibody** - We developed a high-quality anti His tag recombinant alpaca antibody. A common tag used by researchers around the world when detecting and purifying proteins is the "His" tag.

**6 Anti human IGM/A/G**

- Have you ever wanted to detect Human immunoglobulin A,G&M with the one antibody? We have developed a recombinant alpaca antibody that lets you do just that. It is a pan Human Immunoglobulin recombinant alpaca antibody that would be ideal for Elisa tests on human serum or incorporation into lateral flow tests or pretty much anything you can think of!

a wide variety of cellular processes such as being present in exosome membranes.

**9 Anti human CD63 antibody**

- We have developed the anti human CD63 antibody that targets the extracellular portion of the protein. The CD63 protein itself is involved in a wide variety of cellular processes such as being present in exosome membranes.

**7 Anti mouse IGG antibody**

- We have developed the Anti mouse IGG recombinant alpaca antibody.

**10 Anti human albumin antibody**

- We have developed a high-quality anti human albumin antibody that we believe will be useful for researchers, diagnostic tests and some therapeutic projects

**8 Anti human CD9 antibody**

- We have developed the anti-human CD9 antibody that targets the extracellular portion of the protein. The CD9 protein itself is involved in

