

Streptavidin-HRP

HA710314



Product Type: secondary antibodies

Species reactivity: Species independent

Applications: WB, ELISA

Description: Streptavidin-HRP is coupled streptavidin with horseradish peroxidase (HRP). Streptavidin-HRP is highly sensitive to binds biotinylated proteins in enzyme immunoassay, immunoblotting, immunohistochemistry, flow cytometry systems.

Conjugate: HRP-conjugated

Recommended Dilutions:

WB 1:10,000-1:50,000

ELISA 1:10,000-1:50,000

Storage Buffer: PBS pH=7.5, 10mg/ml BSA, 100mM trehalose, 50% glycerol

Storage Instruction: Store at -20 °C , Protect from light

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

Images

**Fig1:** Advantages of using an Alpaca Recombinant Secondary

1. Smaller size

Nanobodies are 1/10 the size of a traditional antibody (~15 kDa unconjugated). This means that the nanobody can penetrate tissue faster and deeper than other antibodies.

2. Easier to use

Due to their simple structure, nanobodies also have the advantage of increased stability and ease of use.

3. Easier production

When compared to a more traditional antibody, nanobodies are easier to develop and produce in the lab than monoclonal or polyclonal antibodies.

4. More consistent

Since nanobodies are recombinantly produced from clonal DNA, you are guaranteed the same product every time. Comparatively, polyclonal antibodies are produced in live animals and have a very low lot-to-lot consistency while monoclonal antibodies can suffer from drift.

5. Higher Affinity

Nanobodies benefit from consistently high binding affinity values.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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