

Goat anti-Mouse conjugated to HRP

Product Number HRP-112

Lot # HRP003-15-002

Amount 1 mg Store at 2-8°C

Form/Shipping & Storage

Supplied as a lyophilized powder. Upon receipt, store at 2-8°C in the dark, do not freeze. Proteins are sensitive to freeze-thaw cycles.

Handling

Reconstitute to 1.0 ml with distilled deionized water vortex gently and allow vial to sit on ice for 20 minutes. We recommend that the investigator determine the appropriate working concentration for their specific application. Avoid exposure to heat and light.

Buffer

Upon rehydration with 1.0 ml distilled deionized water; The product is in 100 mM NaPO₄ (pH 7.4) + 100 mM NaCl + 1.5% BSA, 0.01% Thimerosal + 50mM Sucrose

Stability

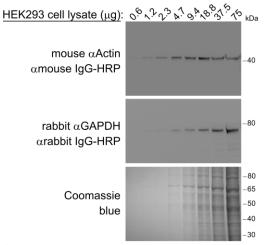
Lyophilized material is stable for up to one year. After product has been reconstituted, product should be stored at 2-8°C in the dark and be used within 6 months. If further dilution of the conjugate is required, use diluted material within one week.

Concentration

After reconstitution – 1 mg/mL 13.84 µM – HRP 3.07 µM – Goat anti-Mouse

<u>Note</u>

For research use only, not for diagnostic or therapeutic use.



Robust detection of endogeneous proteins with low background using Columbia Biosciences HRP-conjugated secondary antibodies
Titrated HEK293 cell lysates were resolved on denaturing Bis-Tris
polyacrylamide gels and subsequently stained with Coomassie blue
or transferred to a nitrocellulose membrane. Membrane was blocked with
5% BSA and, in sequential Western blots, probed with mouse or
rabbit primary antibodies (diluted 1:5000) against Actin or GAPDH. After
washing, primary antibodies were labeled with Columbia Biosciences
species IgG-specific secondary antibody-HRP conjugates, diluted 1:30000.
Western signal was developed using enhanced chemiluminescence and
imaged digitally.

References:

Nygard NR, Bono C, Brown LR, Gorka J, Giacoletto KS, Schaiff WT, Graham MB, McCourt DW, Kabeer M, Braciale VL, et al. Antibody recognition of an immunogenic influenza hemagglutininhuman leukocyte antigen class II complex. J Exp Med. 1991 Jul 1;174(1):243-51.

Rogers BE, Chaudhuri TR, Reynolds PN, Della Manna D, Zinn KR. Non-invasive gamma camera imaging of gene transfer using an adenoviral vector encoding an epitope-tagged receptor as a reporter. Gene Ther. 2003 Jan;10(2):105-14.

