



**Anti Glucagon-like peptide-2 (human, GLP-2)  
Mouse monoclonal antibody**

Subclass: IgG<sub>1</sub>/κ

**PRODUCT NO.** **HYB 006-02**

**PRESENTATION** Preparation: Protein-A/G purified  
Content: Available in 200 µL and 1 mL, 1 mg/mL  
Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide  
Storage: In the dark at 4-8°C

**ANTIGEN** Human GLP-2 (hGLP-2) is a peptide hormone of the glucagon-family produced by the L cells of the intestinal mucosa and originates from the same prohormone as glucagon. GLP-2 has been shown to be an important growth factor for the intestinal mucosa.

**IMMUNOGEN** Synthetic peptide coupled to diphtheria toxoid with glutaraldehyde

**SPECIFICITY** HYB 006-02 is specific for hGLP-2. Cross-reactivity with GLP-2 from other species has not been determined.

**EPI TOPE SPECIFICITY** Epitope differs from that of HYB 006-03

**REACTIVITY** HYB 006-02 reacts with hGLP-2 in sandwich ELISA on tissue extracts. Produced from peptide H-His-Ala-Asp-Gly-Ser-Phe-Ser-Asp-Glu-Met-Asn-Thr-Ile-Leu-Asp-Asn-Leu-Ala-Ala-Arg-Asp-Phe-Ile-Asn-Trp-Leu-Ile-Gln-Thr-Lys-Ile-Thr-Asp-Arg-OH Proglucagon (126-159) (human); Preproglucagon (146-179) (human) from Bachem AG. HYB 006-02 also reacts with hGLP-2 directly coated onto the microtiter well.

**CULTURE MEDIUM** RPMI 1640 with 10% fetal calf serum

**FUSION PARTNER** X63-Ag8.653.

**IMMUNIZATION** Female BALB/c mice immunized i.p. with immunogen adsorbed onto Al(OH)<sub>3</sub>

**APPLICATION**

Method	Usability	Dilution guideline	References
ELISA	Yes	1:15,000	
Immunoblotting	Not determined		
Immunohistochemistry	Not determined		

The dilution guideline for ELISA is based on use as detection antibody for antigen coated at 0.1-1 µg/ml. Users should determine the optimal dilutions for their own purposes.

**REFERENCES**

**CONDITIONS**

All products are supplied on the understanding that they are for in vitro use only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The animals from which this product was derived have not been exposed to or inoculated with any livestock or poultry disease agents exotic to the United States or Western Europe, and did not originate from facilities where work with exotic disease agents affecting livestock or avian species is carried out.