

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

PRODUCT NO.	HYB 006-02	Subclass: IgG ₁ /κ												
PRESENTATION	Preparation: Protein-A/G purified Content: Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details. Solvent: 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide Storage: 4-8°C without exposure to light. No precautions necessary during handling.	Clone: 11E5												
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 GLP-2 peptide adsorbed onto aluminum hydroxide gel													
SPECIFICITY	HYB 006-02 is specific for hGLP-2. Cross-reactivity with GLP-2 from other species has not been determined.													
EPI TOPE SPECIFICITY	Not determined													
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 by intraperitoneal injection													
APPLICATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Method</th> <th style="width: 33%;">Usability</th> <th style="width: 33%;">References</th> </tr> </thead> <tbody> <tr> <td>ELISA</td> <td style="text-align: center;">Yes</td> <td></td> </tr> <tr> <td>Immunoblotting</td> <td style="text-align: center;">Not determined</td> <td></td> </tr> <tr> <td>Immunohistochemistry</td> <td style="text-align: center;">Not determined</td> <td></td> </tr> </tbody> </table>		Method	Usability	References	ELISA	Yes		Immunoblotting	Not determined		Immunohistochemistry	Not determined	
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CONDITIONS

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