



Technical Data Sheet

Product	Anti-beta-Endorphin Purified	
Cat. Number/Size	11-249-C025	0.025 mg
	11-249-C100	0.1 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	beta-Endorphin	
Clone	B31.15	
Format	Purified	
Reactivity	Human	
Application	IHC-P, IHC-F	
Application details	Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; standard ABC technique (DAB+), heat retrieval (microwave oven), incubation: overnight at 4°C; positive tissue: human pituitary gland.	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody B31.15 reacts with human beta Endorphin, an endogenous opiate derived from ACTH gene. ACTH (Corticotropin; human 39 aa) is synthesized by the anterior pituitary gland and stimulates the adrenal cortex; 6 hormones are derived from one ACTH gene: ACTH, lipotropin, alpha-MSH, beta-MSH, endorphin, and one other.	
Immunogen	Human beta Endorphin (full length native protein).	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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