

Product datasheet PS319

**MONOSAN**<sup>®</sup>

Polyclonal antibody against hCG

Clone no. -

MONOSAN

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Product name	Polyclonal antibody against hCG
Host	Rabbit
Applications	IHC-P (1:50-1:250)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	-
Clonality	Polyclonal
Clone number	-
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

hCG is a protein secreted in large quantities by normal trophoblasts; the antibody detects cells and tumors of trophoblastic origin such as Choriocarcinoma. Large Cell Carcinoma and Adenocarcinoma of Lung demonstrate hCG positivity in 90% and 60% of cases respectively. 20% of Squamous Cell Lung Carcinomas are positive for hCG. hCG expression by nontrophoblastic tumors may indicate aggressive behavior since it has been observed that hCG may play a role in the host response to a given tumor.

**References**

1. Hes O, et al. Ann Diagn Pathol. 2014; 18:89-94
2. Mazina O, et al. Sci. Rep. 2017; 7:42219
3. -
4. -
5. -

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