



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product datasheet PS260

**MONOSAN**<sup>®</sup>

Polyclonal Rabbit anti-Histidine Decarboxylase

Clone no. -

MONOSAN

---

|                           |   |
|---------------------------|---|
| Product name              | Polyclonal Rabbit anti-Histidine Decarboxylase          |
| Host                      | Rabbit  |
| Applications              | IHC-fr, IHC-P (1:200-1:300), IF, WB (1:4000-1:8000)     |
| Species reactivity        | Dog, Guinea pig, Human, Mouse, Rat                      |
| Conjugate                 | -   |
| Immunogen                 | Recombinant histidine decarboxylase produced in E. coli |
| Isotype                   | -   |
| Clonality                 | Polyclonal  |
| Clone number              | -   |
| Size                      | 50 µl (lyoph.)  |
| Concentration             | n/a   |
| Format                    | -   |
| Storage buffer            | Lyophilized; reconstitute in 500 µl dist. water         |
| Storage until expiry date | 2-8°C   |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Polyclonal Rabbit anti-Histidine Decarboxylase

Clone no. -

MONOSAN

---

**Additional info**

Histidine decarboxylase (HDC) is the enzyme catalyzing the conversion of histidine into histamine. HDC can be found in the histamine secreting ECL cells of some species as well as in the mast cells. Absorption with 10-100 ug immunogen per ml diluted antiserum abolishes the staining. In Western blot the antiserum detects the 54 kDa and 73 kDa forms in addition to a 63 kDa form (rat stomach, see Dartsch et al., 1998). Positive control:

Stefanini-fixed frozen sections of rat fundus.

Dartsch, C., Chen, D. & Persson, L. Multiple forms of rat stomach histidine decarboxylase may reflect posttranslational activation of the enzyme. Regul. Pept. 77, 33-41 (1998).

**References**

1. Dartsch, C. et al. Histochem. J. 1999; 31: 507-14
2. Lindström, E. et al. Regul. Pept. 1997; 71: 73-86
3. Yu, X. et al. Sleep 2019; 42
4. Dartsch, C. et al. Regul. Pept. 1998; 77: 33-41
5. Liu, K. et al. Nature 2017; 548: 582-587

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES