

Product datasheet MON3404

MONOSAN[®]

Rabbit anti-DOG1, clone SP31 (Monoclonal)

Clone no. SP31

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Product name	Rabbit anti-DOG1, clone SP31 (Monoclonal)
Host	Rabbit
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	SP31
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

DOG1 is a calcium-dependent chloride channel protein that is encoded by a gene called TMEM16A (TMEM16 FLJ10261, ANO1, ORAOV2, and AOS2) located on chromosome 11q13. DOG1 has many significant functions such as regulation of the cholinergic activity of gastrointestinal smooth muscle 2 and regulation of both the survival and proliferation of cells. Anti-DOG1 antibody has been shown to be useful in the identification of gastrointestinal stromal tumors (GIST).

References

1. Kang HG, et al. Mod Pathol. 2011; 24:866-77
2. Rizzo FM, et al. BMC Cancer. 2016; 16:87
3. Katoh M, et al. Int J Oncol. 2003; 22:1375-81
4. Stanich JE, et al. Am J Physiol Gastrointest Liver Physiol. 2011; 1044-51
5. Guler B, et al. Balkan Med J. 2015; 32:388-96

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