

Mouse anti-PLAP, clone NB-10

Clone no. NB-10

MONOSAN Ready To Use

Product name	Mouse anti-PLAP, clone NB-10
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	NB-10
Size	7 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

Anti-PLAP antibody immunoreacts with germ cell tumors and can discriminate between these and other neoplasms. Somatic neoplasms e.g. breast, gastrointestinal, prostatic and urinary cancers may also immunoreact with antibodies to PLAP. Anti-PLAP positivity in conjunction with keratin negativity favors seminoma over carcinoma. Germ cell tumors are usually keratin positive, but they regularly fail to stain with anti-EMA, whereas most carcinomas stain with anti-EMA. Anti-PLAP has been useful in the diagnosis of gestational trophoblastic disease. This antibody has shown cross-reaction with human intestinal alkaline phosphatase.

References

1. Paiva, J, et al. Am J Pathol 1984;111:156-165
2. Burke, AP, et al. Hum Path 1988;19:663-670
3. Wick, MR, et al. Hum Path 1987;18:946-954
4. Saad RS et al. Appl Immunohistochem Mol Morphol. 2003 Jun;11(2):107-12
5. Goldsmith JD et al. Am J Surg Pathol. 2002 Dec;26(12):1627-33

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