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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse anti-Placental Alkaline Phosphatase, clone 8A9 (monoclonal)

Clone no. 8A9

MONXtra

Product name	Mouse anti-Placental Alkaline Phosphatase, clone 8A9 (monoclonal)
Host	Mouse
Applications	IHC-P (1:50)
Species reactivity	human
Conjugate	-
Immunogen	Purified human placental alkaline phosphatase.
Isotype	IgG1, kappa
Clonality	Monoclonal
Clone number	8A9
Size	1 ml
Concentration	Greater than or equal to 26 mg/L
Format	-
Storage buffer	Tissue culture supernatant with 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

Placental alkaline phosphatase (PLAP) is a membrane-associated sialoglycoprotein enzyme normally present at high concentration in syncytiotrophoblasts within the placenta during the third trimester of gestation. The expression of PLAP was originally thought to be restricted to term placenta but a human PLAP-like variant has been described which shares more than 85% homology with PLAP itself. This high degree of homology between PLAP and PLAP-like enzyme together with cross-reacting antibodies has led to some confusion of the distribution of PLAP and PLAP-like enzyme in various tissues. PLAP is reported to be expressed only in normal term placenta, endocervix and fallopian tube and also in ovarian and proximal gastrointestinal tumors. PLAP expression is rare in malignant germ cell tumors. PLAP-like enzyme is reported to be predominantly found in normal fetal and neonatal testis, and in thymus. It is also commonly expressed in germ cell tumors and more recently described in seminomas.

References

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2. Franke FE et al. *Human Pathology* 2000; 31(12), 1466–1476
3. Hoei-Hansen CE et al. *Molecular Cancer*. 2007; 6:12
4. McCann-Crosby B et al. *International Journal of Pediatric Endocrinology* 2015;
5. Skotheim RI et al. *Neoplasia*. 2003; 5(5): 397-404

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