

## Mouse anti-Blood Group A (CD173), clone HE-10 (monoclonal)

Clone no. HE-10

MONOSAN

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Product name	Mouse anti-Blood Group A (CD173), clone HE-10 (monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IHC-P, IF, FUNC
Species reactivity	human
Conjugate	-
Immunogen	mixture of erythrocytes of blood group A1 and a glycoprotein fraction isolated from the saliva of secretors with blood group A of human origin
Isotype	IgM-K
Clonality	Monoclonal
Clone number	HE-10
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% 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**

HE-10 preferably reacts with determinants of chain A type 3 and 4 and chain H type 3 and 4, but not with type 1 and 2 chain structures. It is not reactive with immunodominant A trisaccharide. Increased expression of this antigen has been observed on some tumor tissues such as gastric carcinomas, urothelial carcinomas, and colon carcinomas. HE-10 does not react with normal tissue sections of donors with blood group B and 0 but it reacts specifically with malignant tissues in these individuals. HE-10 is applicable for red cell agglutination, tissue staining and immunofluorescence tests.

**References**

1. Němec M. et al. Vox Sang 52:125-8 (1987)
2. Vanák J. et al. Neoplasma 36(4): 479-487 (1989)
3. Tichý, M. et al. Neoplasma 37(4): 451-459 (1990)
4. Tichý, M. et al. Acta Univ Palacki Olomuc Fac Med. 126: 57-69 (1990)
5. -

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