

Mouse anti-CD71, clone 10F11 (monoclonal)

Clone no. 10F11

MONXtra

Product name	Mouse anti-CD71, clone 10F11 (monoclonal)
Host	Mouse
Applications	IHC-P (1:80)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to a region of the N-terminal intracellular domain of the human CD71 molecule.
Isotype	IgG2b
Clonality	Monoclonal
Clone number	10F11
Size	1ml
Concentration	Greater than or equal to 42 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

The CD71 molecule is a type II membrane glycoprotein with a molecular weight of approximately 180 kD. It is known as the transferrin receptor and is composed of two disulfide-bonded 90 kD subunits. The CD71 molecule plays a critical role in cell proliferation by controlling the supply of iron, an essential component for many metabolic pathways, through the binding and endocytosis of transferrin, the major iron-carrying protein. CD71 protein is reported to be expressed on activated B and T cells, macrophages, proliferating cells and metabolically active cells, for example, neurons.

References

1. Dong HY et al. American Journal of Surgical Pathology. 2011; 35(5):723-732
2. Magro G et al. Thyroid. 2011; 21(3):267-277
3. Menier C et al. Blood. 2004; 104(10):3153-3160
4. -
5. -

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