

Rabbit Anti-CD74 Recombinant [MD83R]: RM0051, RM0051RTU7

Intended Use: For Research Use Only

Description: Cluster of Differentiation 74 (CD74) is a type II transmembrane protein. In normal tissues, CD74 is expressed in B cells, monocytes, macrophages, Langerhans cells, dendritic cells, subsets of activated T cells, and thymic epithelium. Under inflammatory conditions, CD74 expression may be observed in endothelial and certain epithelial cells. CD74 expression has been observed in ~90% of B-cell cancers evaluated, as well as the majority of cell lines derived from these cancers. CD74 is a marker for distinguishing atypical fibroxanthoma from malignant fibrous histiocytoma, and it is also a useful marker for distinguishing leiomyosarcoma from leiomyoma.

Specifications:

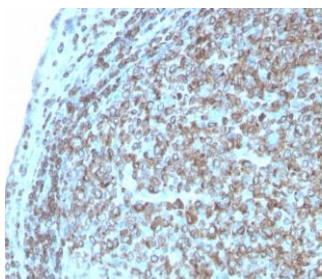
Clone: MD83R
 Source: Rabbit
 Isotype: IgG
 Reactivity: Human, mouse, baboon
 Immunogen: SU-DHL-4 lymphoma cells
 Localization: Membrane
 Formulation: Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN₃)
 Storage: Store at 2°- 8°C
 Applications: IHC, Flow Cyt.
 Package:

Description	Catalog No.	Size
CD74 Recombinant Concentrated	RM0051	1 ml
CD74 Recombinant Prediluted	RM0051RTU7	7 ml

IHC Procedure*:

Positive Control Tissue: Tonsil
 Concentrated Dilution: 50-200
 Pretreatment: Tris EDTA pH9.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
 Incubation Time and Temp: 30-60 minutes @ RT
 Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human tonsil stained with anti-CD74 using DAB

References:

1. Cell Surface CD74-MIF Interactions Drive Melanoma Survival in Response to Interferon-γ. Tanese K, et al. J Invest Dermatol. Nov;135(11):2775-84, 2015.
2. Involvement of CD74 in head and neck squamous cell carcinomas. Kindt N, et al. J Cancer Res Clin Oncol. Jun;140(6):937-47, 2014.
3. Expression of macrophage migration inhibitory factor and CD74 in cervical squamous cell carcinoma. Cheng RJ, Deng WG, Niu CB, Li YY, Fu Y. et al. Aug;21(6):1004-12, 2011.

Doc. 100-RM0051

Rev. B

Orders: customercare@medaysis.com Support: techsupport@medaysis.com Tel: 510-509-3153 www.medaysis.com

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