

Product datasheet for **TA386130**

Cd74 Rabbit Monoclonal Antibody [Clone ID: In-1]

Product data:

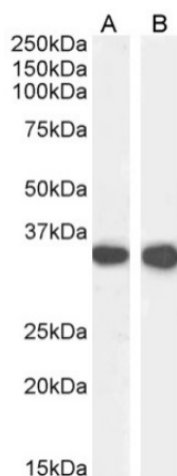
Product Type:	Primary Antibodies
Clone Name:	In-1
Applications:	FC, IHC, IP
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	Mouse lymphocytes of strain A injected into Wistar rats.
Specificity:	This antibody binds to murine CD74.

The In-1 antibody was used to identify CD74 on lymphocytes in mice. It can be used in immunoprecipitation as well as in flow cytometry (Takahashi et al. 2009, PMID: 19413900) and frozen-section IHC (Momburg et al. 1986, PMID: 3079804).

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)
Database Link:	Entrez Gene 16149 Mouse P04441
Synonyms:	DHLA; HLA-DR-gamma; HLADG; Ia-GAMMA; Ii; p33
Note:	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.



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Product images:

Western Blot using anti-CD74 antibody In-1 (TA386130) Mouse spleen (A) and mouse lymph node (B) lysate samples (35 μ g protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of In-1 (TA386130) at 0.0001 μ g/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected running size for unmodified CD74 is 31.6kDa, and this protein is glycosylated at several residues. TA386130 successfully detected CD74 in mouse spleen and mouse lymph node lysates.