

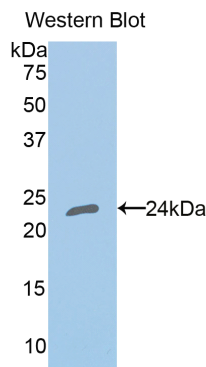
PAC166Ca01
Polyclonal Antibody
To Major Histocompatibility Complex Class II DR Alpha (MHCDRa)
Organism: Canis familiaris; Canine (Dog)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

8th Edition (Revised in Jun, 2013)

[PRODUCT INFORMATION]

Immunogen: MHCDRa, Canine
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 200µg/mL
UOM: 100µg



Sample: Recombinant MHCDRa, Canine

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant MHCDRa (Ala25~Glu216) expressed in *E.coli*.
USCN Accession No.: RPC166Ca01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.
MGHHHHHSG SEF-AVKEEH VIIQAEFYLT PDPSGEFMFD FDGDEIFHVD MEKKETVWRL
EEFGRFASFE AQQALANIAV DKANLDTMIK RSNHTPNTNV PPEVTVLSNT PVELGEPNIL
ICFIDKFSPV VINVTWLRNG NPVTTGVSET IFLPREDHLF RKFHYLPFLP SAEDVYDCKV
EHWGLDEPLL KHWEFEPPTP LPETTE

[**ANTIBODY SPECIFICITY**]

The antibody is a rabbit polyclonal antibody raised against MHCDRa. It has been selected for its ability to recognize MHCDRa in immunohistochemical staining and western blotting.

[**APPLICATIONS**]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[**CONTENTS**]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[**QUALITY CONTROL**]

Content: The quality control contains recombinant MHCDRa (Ala25~Glu216) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[**STORAGE**]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.