



## MONOCLONAL ANTI-HUMAN ADRENOLEUCODYSTROPHY PROTEIN ANTI-ALDP

**NB-01-0006**

**Volume:** 100 µl

**Format:** Crude Ascites fluid

**Clones:** 1AL-2B4

**Immunogen:** ALDP fragment from aa 495 to aa 648 as a fusion protein

**Murine Isotype:** IgG1, k

**Specificity:** Human ALDP, no cross-reaction on mouse ALDP, mouse ALDRP and PMP 70

### Applications:

- ELISA
- Immunoblotting
- Immunocytochemistry
- Immunohistochemistry

The 2B4 antibody can be used in western blot, immunofluorescence or immunohistochemical studies to analyse the ALDP protein in cells and tissues for normal individuals, or from patients with adrenoleukodystrophy (ALD) or Zellweger syndrome and related peroxisomal diseases, and provides an excellent marker for peroxisomes (Mosser et al. 1994). About 70% of ALD male patients have no detectable ALDP in fibroblasts or leukocytes. A similar proportion of carrier females may show mosaicism for the presence or absence of ALDP.

**Recommended dilution:** 1/500 - 1/5000

### Storage:

- Store at -20°C (up to 3 years)
- Avoid repeat freezing and thawing cycles. Does not contain any preservative

### References:

Mosser & al Human Molecular Genetics (1994) 3: 265-271

P. Aubourg and JL Mandel: (1996) Annals of the NY Academy of Sciences 804: 461-476

Lombard-Platet & al; Proc. Natl. Acad. Sci. (USA) (1996)93: 1265-1269