

# Anti-ADA [ADA-1]

**Catalogue number:** 151072

**Sub-type:** Primary antibody

**Images:** [https://res.cloudinary.com/ximbio/image/upload/c\\_fit/55cd2cc8-d476-4bda-8d24-c9f3c7c3f677.jpg](https://res.cloudinary.com/ximbio/image/upload/c_fit/55cd2cc8-d476-4bda-8d24-c9f3c7c3f677.jpg)

## Contributor

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## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-ADA [ADA-1]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Ada is an O6-methylguanine DNA methyltransferase that protects against DNA alkylation by the repair of methylated bases. Ada also functions as a positive regulator of the adaptive response to DNA alkylation damage. Induction of the Ada protein is a sign of environmentally caused mutagenesis in bacteria.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1 kappa

**Reactivity:** E.coli

**Selectivity:**

**Host:** Mouse

**Immunogen:** ADA protein

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** ADA protein

**Target alternate names:**

**Target background:** Ada is an O6-methylguanine DNA methyltransferase that protects against DNA alkylation by the repair of methylated bases. Ada also functions as a positive regulator of the adaptive response to DNA alkylation damage. Induction of the Ada protein is a sign of environmentally caused mutagenesis in bacteria.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** WB ; IHC ; IP ; RIA ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Brock et al. 1985. Lancet. 1(8439):1175-8. PMID: 2860384. ; Prospective prenatal diagnosis of cystic fibrosis. ; Arklie et al. 1981. Tissue Antigens. 17(3):303-12. PMID: 7314066. ; A monoclonal antibody to intestinal alkaline phosphatase made against D98/AH-2 (HeLa) cells.

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