

10-11541: Mouse Monoclonal Antibody to MGMT(Clone: MT3.1)(Discontinued)

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| Clonality : | Monoclonal |
| Clone Name : | MT3.1 |
| Application : | IHC |
| Reactivity : | Human |
| Gene : | MGMT |
| Gene ID : | 4255 |
| Uniprot ID : | P16455 |
| Format : | T.C. Sup. |
| Alternative Name : | 6-O-methylguanine-DNA methyltransferase, O-6-methylguanine-DNA-alkyltransferase |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Recombinant human MGMT protein. |

Description

O(6)-methylguanine-DNA-methyltransferase (MGMT) is a 22 kDa human DNA repair protein that removes O(6)-alkylguanine DNA adducts. MGMT acts as a suicide acceptor protein repairing the DNA by accepting alkyl groups and consequently inactivating itself. This antibody stains all mantle zone lymphocytes and 50% of germinal center lymphocytes. Basaloid epithelial cells of tonsil squamous mucosa are also stained positive with this antibody.

Product Info

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| Amount : | 0.5 ml |
| Content : | This antibody is supplied as tissue culture supernatant containing sodium azide as preservative. |
| Storage condition : | Store at 2-8°C. |

Application Note

IHC : 1:10-1:20

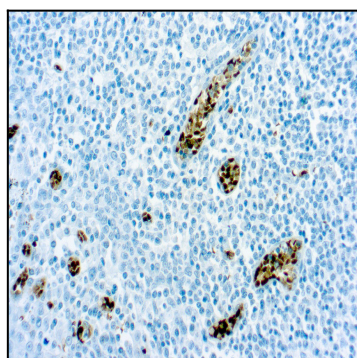


Figure 1 : Formalin fixed paraffin embedded human tonsil stained with MGMT antibody (10-11541).