

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

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

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

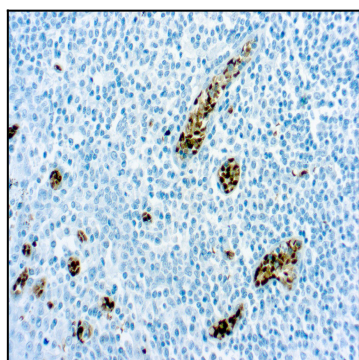


Figure 1 : Formalin fixed paraffin embedded human tonsil stained with MGMT antibody (10-11541).