

# Product Datasheet

## **MAGEA1 Antibody (MA454) [Alexa Fluor® 594] NBP2-33094AF594**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-33094AF594**

MAGEA1 Antibody (MA454) [Alexa Fluor® 594]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	MA454
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 594
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	4100
Gene Symbol	MAGEA1
Species	Human, Rat, Canine
Specificity/Sensitivity	Recognizes a protein of 42-46kDa, identified MAGEA1 (MAGE-1). This monoclonal antibody does not cross-react with MAGE-2, -3, -4, -6 -9, -10, -or -12 protein. Human malignant neoplasms carry rejection antigens that are recognized by the patients' autologous, tumor directed and specific, cytolytic, CD8+ T lymphocyte clones (CTL). The MAGE family of genes codes an important group of antigens. It was identified that melanomas and primary glial brain tumors express common melanoma associated antigens (MAAs). Because MAGEA1 is expressed on a significant proportion of human neoplasms of various histological types (melanoma, brain tumors of glial origin, neuroblastoma, non-small cell lung cancer, breast, gastric, colorectal, ovarian, renal cell carcinomas) and not on normal tissues, the encoded antigen may serve as a marker of early detection and target for cancer immunotherapy.
Immunogen	Recombinant full-length human MAGEA1 protein (Uniprot: P43355)



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<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Recommended Dilutions</b>	ELISA, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP2-33094AF594**

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IC002T	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 594]
H00004100-P01-10ug	Recombinant Human MAGEA1 GST (N-Term) Protein
285-IF-100	IFN-gamma [Unconjugated]
H00004100-Q01-10ug	Recombinant Human MAGEA1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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