TATLAS ANTIBODIES

Favourable, Unfavourable and Non Prognostic Markers for Human Cancers

The identification of cancer markers using primary antibodies is a widely used strategy in cancer diagnostics, screening and research.

Tumor marker-specific antibodies can be used to detect elevated quantities of tumor markers in patients' blood, urine or tissue, for cancer diagnosis and prognostic evaluation.

Each tumor markers may be associated with more than one type of cancer.

The schematic below, summarizes Atlas Antibodies new released PrecisATM monoclonals antibodies classified as prognostic genes with regard to cancer type and association with favourable or unfavourable clinical outcome. The classification is based on the Pathology Atlas, part of the <u>Human Protein Atlas</u>.

The antibodies are available in 25 and 100 µL size. Check Atlas Antibodies website to know more.

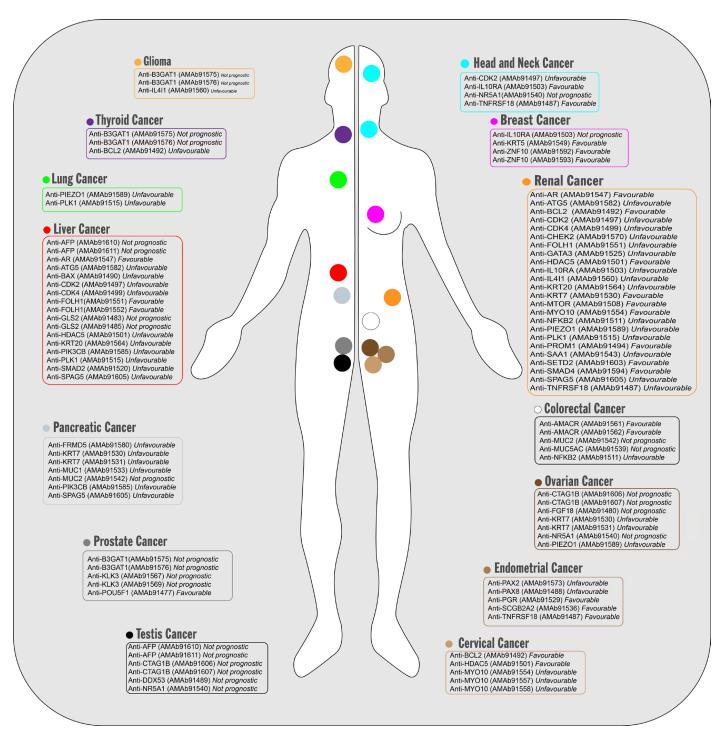


Table 1 Selection of <u>PrecisA[™] monoclonals</u> antibodies tumor markers from Atlas Antibodies.

Product Name	Product Number	Validated Applications	Isotype
Anti-AFP	AMAb91610	IHC,WB	lgG2a
Anti-AFP	AMAb91611	IHC,WB	lgG1
Anti-AMACR	AMAb91561	IHC*,WB	lgG1
Anti-AMACR	AMAb91562	IHC*,WB	lgG1
Anti-AR	AMAb91547	IHC*,WB	lgG1
Anti-ATG5	AMAb91582	IHC*,WB	lgG1
Anti-B3GAT1	AMAb91575	WB,ICC-IF	lgG2a
Anti-B3GAT1	AMAb91576	IHC,WB	lgG1
Anti-BAX	AMAb91490	IHC,WB	lgG1
Anti-BCL2	AMAb91492	IHC*,WB	lgG2a
Anti-CDK2	AMAb91497	IHC*,WB,ICC-IF	lgG2a
Anti-CDK4	AMAb91499	IHC,WB,ICC-IF	lgG1
Anti-CHEK2	AMAb91570	IHC*,WB,ICC-IF	lgG1
Anti-CTAG1B	AMAb91606	IHC	lgG2a
Anti-CTAG1B	AMAb91607	WB	lgG1
Anti-DDX53	AMAb91489	WB	lgG1
Anti-FGF18	AMAb91480	IHC*,WB	lgG1
Anti-FOLH1	AMAb91551	IHC*	lgG1
Anti-FOLH1	AMAb91552	IHC*,WB	lgG1
Anti-FRMD5	AMAb91580	IHC*,WB	lgG2a
Anti-GATA3	AMAb91525	IHC*,WB,ICC-IF	lgG2a
Anti-GLS2	AMAb91483	IHC*	lgG2a
Anti-GLS2	AMAb91485	IHC*,WB	lgG1
Anti-HDAC5	AMAb91501	IHC*,ICC-IF	lgG1
Anti-IL10RA	AMAb91503	WB	lgG1
Anti-IL4I1	AMAb91560	WB	lgG1
Anti-JUN	AMAb91587	IHC,ICC-IF	lgG1
Anti-KLK3	AMAb91567	IHC*,WB	lgG2b
Anti-KLK3	AMAb91569	IHC*,WB	lgG2b
Anti-KRT20	AMAb91564	IHC*	lgG1
Anti-KRT5	AMAb91549	IHC*,WB,ICC-IF	lgG1
Anti-KRT7	AMAb91530	IHC*,WB	lgG1
Anti-KRT7	AMAb91531	IHC*,WB	lgG1

Product Name	Product Number	Validated Applications	Isotype
Anti-MTOR	AMAb91508	WB	lgG1
Anti-MUC1	AMAb91533	IHC*	lgG1
Anti-MUC2	AMAb91542	IHC	lgG2a
Anti-MUC5AC	AMAb91539	IHC*,WB	lgG1
Anti-MYO10	AMAb91554	ICC-IF	lgG1
Anti-MYO10	AMAb91557	WB	lgG1
Anti-MYO10	AMAb91558	IHC,WB	lgG1
Anti-NFKB2	AMAb91511	IHC*	lgG1
Anti-NR5A1	AMAb91540	IHC,WB,ICC-IF	lgG1
Anti-PAX2	AMAb91573	IHC*,WB,ICC-IF	lgG1
Anti-PAX8	AMAb91488	IHC,WB,ICC-IF	lgG1
Anti-PGR	AMAb91529	IHC*,ICC-IF	lgG1
Anti-PIEZO1	AMAb91589	IHC*,WB	lgG1
Anti-PIK3CA	AMAb91513	WB	lgG1
Anti-PIK3CA	AMAb91514	IHC*	lgG1
Anti-PIK3CB	AMAb91585	IHC,WB,ICC-IF	lgG1
Anti-PLK1	AMAb91515	WB	lgG1
Anti-POU5F1	AMAb91477	WB,ICC-IF	lgG1
Anti-PROM1	AMAb91494	IHC,WB	lgG1
Anti-SAA1	AMAb91543	IHC,WB	lgG1
Anti-SCGB2A2	AMAb91536	IHC	lgG1
Anti-SETD2	AMAb91603	IHC*	lgG1
Anti-SMAD2	AMAb91520	IHC*,WB,ICC-IF	lgG2a
Anti-SMAD4	AMAb91594	IHC,WB	lgG1
Anti-SPAG5	AMAb91605	IHC*,WB	lgG1
Anti-TNFRSF18	AMAb91487	WB	lgG2a
Anti-ZNF10	AMAb91592	WB,ICC-IF	lgG1
Anti-ZNF10	AMAb91593	WB,ICC-IF	lgG2a

* Products with enhanced validation for indicated application



PrecisA[™] Monoclonals are mouse monoclonal primary antibodies developed against a number of carefully selected targets. Clones are selected to recognize only unique non-overlapping epitopes and isotypes.



In addition to the extensive validation and characterization always performed for our antibodies, we conduct application specific **Enhanced Validation** to secure the antibody specificity in a defined context.

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