

The immune system

- ⇒ Successful vaccinations:
 - ⇒ Suitable vaccine that is economically available in sufficient doses.
 - ⇒ Few side effects.
 - ⇒ Administration of vaccine is done at the correct time.
 - ⇒ Vaccination of the majority of vulnerable population.

Monoclonal antibodies

- ⇒ Monoclonal antibodies – antibodies produced from a single group of genetically identical B cells.
- ⇒ Can be used for pregnancy test – detect HCG hormone.
- ⇒ Cancer treatments:
 - ⇒ Cancer cells have antigens called tumour markers.
 - ⇒ Monoclonal antibodies can bind with them.
 - ⇒ You can attach cancer drugs to monoclonal antibodies.
 - ⇒ Antibody will bind with the tumour marker.
 - ⇒ Cancer drug will accumulate near cancer cells.
 - ⇒ There will be lower side effects as the cancer drug will only be taken and used at the site of the cancer rather than the whole body.

Preview from Notesale.co.uk
Page 3 of 3